

# Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

01/29/2025

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST
59TH STREET_GT_1 24138	120.14	108.00	103.63	102.42	102.72	102.12	140.67	174.55	155.45	146.02	140.00	131.76	129.23	127.85	123.01	132.90	147.64	169.70	166.58	160.85	149.81	140.57	127.27	116.52
	6.18	5.05	5.37	5.20	5.66	5.87	5.69	5.64	6.78	7.84	10.44	9.86	9.65	9.64	9.53	10.53	11.81	8.46	9.35	8.61	10.70	10.43	8.66	7.08
	-18.79	-14.30	-10.28	-14.76	-5.88	-4.61	-54.89	-96.59	-68.92	-45.90	-8.19	-4.48	-0.34	-0.73	0.00	0.00	0.00	-68.21	-54.45	-57.66	-16.12	-5.98	-1.62	-5.44
74TH STREET_GT_1 24260	119.86	107.92	103.11	101.76	102.08	101.65	140.28	174.20	154.99	145.48	138.78	131.06	128.20	126.77	122.10	131.56	146.29	168.79	165.67	159.92	148.71	139.45	126.34	115.54
	5.90	4.96	4.84	4.53	5.02	5.41	5.29	5.28	6.30	7.29	9.47	9.16	8.82	8.81	8.62	9.18	10.46	7.54	8.43	7.66	9.59	9.31	7.72	6.66
	-18.79	-14.30	-10.28	-14.77	-5.88	-4.61	-54.90	-96.61	-68.93	-45.91	-7.94	-4.48	-0.13	-0.47	0.00	0.00	0.00	-68.22	-54.46	-57.67	-16.12	-5.98	-1.62	-4.87
74TH STREET_GT_2 24261	119.86	107.92	103.11	101.76	102.08	101.65	140.28	174.20	154.99	145.48	138.78	131.06	128.20	126.77	122.10	131.56	146.29	168.79	165.67	159.92	148.71	139.45	126.34	115.54
	5.90	4.96	4.84	4.53	5.02	5.41	5.29	5.28	6.30	7.29	9.47	9.16	8.82	8.81	8.62	9.18	10.46	7.54	8.43	7.66	9.59	9.31	7.72	6.66
	-18.79	-14.30	-10.28	-14.77	-5.88	-4.61	-54.90	-96.61	-68.93	-45.91	-7.94	-4.48	-0.13	-0.47	0.00	0.00	0.00	-68.22	-54.46	-57.67	-16.12	-5.98	-1.62	-4.87
ADK HUDSON___FALLS 24011	127.23	114.31	120.29	122.88	126.19	147.25	234.46	230.54	260.17	158.73	142.34	133.40	129.50	128.21	123.69	133.51	149.01	208.49	217.27	179.65	155.37	143.74	144.73	150.22
	8.37	7.62	7.57	7.26	8.02	8.06	7.53	6.94	7.66	8.58	11.17	10.33	10.25	10.34	10.21	11.14	13.18	9.40	10.38	9.55	12.05	12.04	10.53	9.05
	-23.69	-18.03	-24.73	-33.17	-26.98	-47.55	-146.84	-151.29	-172.76	-57.87	-9.80	-5.65	0.00	-0.39	0.00	0.00	0.00	-106.07	-104.12	-75.51	-20.32	-7.54	-17.20	-37.17
ADK RESOURCE___RCVRY 23798	127.83	114.95	121.03	123.53	127.02	148.30	235.83	231.53	261.72	159.44	143.32	134.23	130.33	129.04	124.49	134.38	149.96	209.52	218.50	180.42	156.25	144.62	145.69	151.25
	8.94	8.25	8.18	7.75	8.67	8.71	8.09	7.52	8.29	9.23	12.14	11.16	11.09	11.17	11.00	12.00	14.13	10.14	11.20	10.22	12.91	12.91	11.35	9.77
	-23.72	-18.05	-24.86	-33.33	-27.18	-47.95	-147.65	-151.70	-173.67	-57.93	-9.81	-5.66	0.00	-0.39	-0.01	0.00	0.00	-106.35	-104.52	-75.62	-20.34	-7.55	-17.34	-37.47
ADK S GLENS___FALLS 24028	127.23	114.31	120.29	122.88	126.19	147.25	234.46	230.54	260.17	158.73	142.34	133.40	129.50	128.21	123.69	133.51	149.01	208.49	217.27	179.65	155.37	143.74	144.73	150.22
	8.37	7.62	7.57	7.26	8.02	8.06	7.53	6.94	7.66	8.58	11.17	10.33	10.25	10.34	10.21	11.14	13.18	9.40	10.38	9.55	12.05	12.04	10.53	9.05
	-23.69	-18.03	-24.73	-33.17	-26.98	-47.55	-146.84	-151.29	-172.76	-57.87	-9.80	-5.65	0.00	-0.39	0.00	0.00	0.00	-106.07	-104.12	-75.51	-20.32	-7.54	-17.20	-37.17
ADK_NYS___DAM 23527	124.58	111.99	114.27	115.71	117.69	131.82	205.26	214.90	227.68	154.84	139.68	131.33	127.71	126.32	121.76	131.07	145.62	196.76	200.97	173.81	151.95	140.62	137.42	137.98
	6.56	5.94	5.81	5.44	6.11	6.32	5.84	5.13	5.90	6.73	8.86	8.46	8.47	8.46	8.28	8.69	9.79	7.16	7.91	7.18	9.34	9.19	8.19	7.17
	-22.86	-17.39	-20.47	-27.81	-20.40	-33.87	-119.32	-137.46	-142.02	-55.83	-9.45	-5.45	0.00	-0.37	-0.01	0.00	0.00	-96.57	-90.28	-72.04	-19.60	-7.27	-12.23	-26.80
AIR_PRODUCTS___DRP 24190	121.05	108.94	108.17	108.97	108.97	116.81	180.42	203.95	200.64	150.88	134.50	126.64	123.18	122.09	116.77	125.44	138.55	186.02	185.34	167.70	144.76	133.94	128.35	125.51
	2.95	2.84	2.90	2.64	2.74	2.75	2.08	1.88	2.23	2.58	3.64	3.76	3.93	4.23	3.29	3.06	2.72	1.67	1.85	1.61	2.09	2.48	3.28	3.33
	-22.94	-17.45	-17.28	-23.88	-15.06	-22.43	-98.24	-129.77	-118.65	-56.02	-9.49	-5.47	0.00	-0.37	0.00	0.00	0.00	-91.32	-80.72	-71.51	-19.67	-7.30	-8.07	-18.17
AKWESSNE_115KV_BK 355683	95.26	89.19	88.61	82.95	91.55	91.54	79.78	72.09	79.20	91.63	120.28	116.59	118.64	116.55	112.80	121.52	134.75	91.73	101.13	93.26	121.65	123.05	116.53	104.11
	0.10	0.53	0.62	0.49	0.36	-0.09	-0.32	-0.22	-0.56	-0.65	-1.09	-0.82	-0.60	-0.94	-0.68	-0.86	-1.09	-1.30	-1.64	-1.32	-1.35	-1.12	-0.47	0.10
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR 323833	121.99	109.79	107.45	107.70	107.38	112.06	169.59	198.71	188.04	150.64	134.94	127.01	123.66	122.32	117.68	126.91	140.86	183.43	181.06	167.97	146.75	136.05	127.72	122.25
	4.29	3.99	4.05	3.71	4.01	3.94	3.29	2.82	3.11	3.32	4.25	4.22	4.41	4.46	4.20	4.53	5.03	3.34	3.69	3.50	4.42	4.72	4.80	4.57
	-22.54	-17.15	-15.41	-21.53	-12.19	-16.49	-86.21	-123.58	-105.17	-55.04	-9.32	-5.37	0.00	-0.37	-0.01	0.00	0.00	-87.06	-74.59	-69.89	-19.33	-7.17	-5.92	-13.68
ALBANY_2_SOLAR 323834	121.99	109.70	107.45	107.70	107.38	112.06	169.51	198.65	187.95	150.64	134.94	127.01	123.66	122.21	117.68	126.78	140.86	183.43	181.06	167.87	146.75	135.93	127.72	122.25
	4.29	3.90	4.05	3.71	4.01	3.94	3.21	2.75	3.03	3.32	4.25	4.22	4.41	4.35	4.20	4.40	5.03	3.34	3.69	3.40	4.42	4.60	4.80	4.57
	-22.54	-17.15	-15.41	-21.53	-12.19	-16.49	-86.20	-123.59	-105.16	-55.05	-9.32	-5.37	0.00	-0.37	-0.01	0.00	0.00	-87.06	-74.59	-69.89	-19.33	-7.17	-5.92	-13.67
ALBANY___1 23571	121.05	108.94	108.17	108.97	108.97	116.81	180.42	203.95	200.64	150.88	134.50	126.64	123.18	122.09	116.77	125.44	138.55	186.02	185.34	167.70	144.76	133.94	128.35	125.51
	2.95	2.84	2.90	2.64	2.74	2.75	2.08	1.88	2.23	2.58	3.64	3.76	3.93	4.23	3.29	3.06	2.72	1.67	1.85	1.61	2.09	2.48	3.28	3.33
	-22.94	-17.45	-17.28	-23.88	-15.06	-22.43	-98.24	-129.77	-118.65	-56.02	-9.49	-5.47	0.00	-0.37	0.00	0.00	0.00	-91.32	-80.72	-71.51	-19.67	-7.30	-8.07	-18.17

ALBANY___2 23572	121.05 2.95 -22.94	108.94 2.84 -17.45	108.17 2.90 -17.28	108.97 2.64 -23.88	108.97 2.74 -15.06	116.81 2.75 -22.43	180.42 2.08 -98.24	203.95 1.88 -129.77	200.64 2.23 -118.65	150.88 2.58 -56.02	134.50 3.64 -9.49	126.64 3.76 -5.47	123.18 3.93 0.00	122.09 4.23 -0.37	116.77 3.29 0.00	125.44 3.06 0.00	138.55 2.72 0.00	186.02 1.67 -91.32	185.34 1.85 -80.72	167.70 1.61 -71.51	144.76 2.09 -19.67	133.94 2.48 -7.30	128.35 3.28 -8.07	125.51 3.33 -18.17
ALBANY___3 23573	121.05 2.95 -22.94	108.94 2.84 -17.45	108.17 2.90 -17.28	108.97 2.64 -23.88	108.97 2.74 -15.06	116.81 2.75 -22.43	180.42 2.08 -98.24	203.95 1.88 -129.77	200.64 2.23 -118.65	150.88 2.58 -56.02	134.50 3.64 -9.49	126.64 3.76 -5.47	123.18 3.93 0.00	122.09 4.23 -0.37	116.77 3.29 0.00	125.44 3.06 0.00	138.55 2.72 0.00	186.02 1.67 -91.32	185.34 1.85 -80.72	167.70 1.61 -71.51	144.76 2.09 -19.67	133.94 2.48 -7.30	128.35 3.28 -8.07	125.51 3.33 -18.17
ALBANY___4 23574	121.05 2.95 -22.94	108.94 2.84 -17.45	108.17 2.90 -17.28	108.97 2.64 -23.88	108.97 2.74 -15.06	116.81 2.75 -22.43	180.42 2.08 -98.24	203.95 1.88 -129.77	200.64 2.23 -118.65	150.88 2.58 -56.02	134.50 3.64 -9.49	126.64 3.76 -5.47	123.18 3.93 0.00	122.09 4.23 -0.37	116.77 3.29 0.00	125.44 3.06 0.00	138.55 2.72 0.00	186.02 1.67 -91.32	185.34 1.85 -80.72	167.70 1.61 -71.51	144.76 2.09 -19.67	133.94 2.48 -7.30	128.35 3.28 -8.07	125.51 3.33 -18.17
ALBANY___LFGE 323615	122.13 3.81 -23.16	109.73 3.45 -17.62	111.27 3.61 -19.67	112.61 3.30 -26.86	113.63 3.55 -18.90	125.64 3.48 -30.53	196.83 2.88 -113.85	211.50 2.60 -136.59	218.80 3.03 -136.02	152.43 3.60 -56.56	135.81 4.86 -9.58	127.87 4.93 -5.52	124.25 5.01 0.00	123.16 5.29 -0.38	117.90 4.42 -0.01	126.78 4.40 0.00	140.18 4.35 0.00	191.90 2.89 -95.99	194.05 3.08 -88.19	170.14 2.83 -72.73	146.43 3.57 -19.86	135.50 3.97 -7.37	132.35 4.33 -11.02	132.47 4.16 -24.30
ALCOA_PA_115KV_PL-6C 55860	95.64 0.48 0.00	89.54 0.89 0.00	88.96 0.97 0.00	83.28 0.82 0.00	91.82 0.64 0.00	91.73 0.09 0.00	80.02 -0.08 0.00	72.31 0.00 0.00	79.52 -0.24 0.00	91.91 -0.37 0.00	120.65 -0.73 0.00	116.83 -0.59 0.00	119.00 -0.24 0.00	116.90 -0.59 0.00	113.02 -0.45 0.00	121.77 -0.61 0.00	134.88 -0.95 0.00	91.91 -1.12 0.00	101.33 -1.44 0.00	93.45 -1.13 0.00	121.77 -1.23 0.00	123.29 -0.87 0.00	116.88 -0.12 0.00	104.53 0.52 0.00
ALCOA_RYNLDS___DRP 24188	95.64 0.48 0.00	89.54 0.89 0.00	88.96 0.97 0.00	83.28 0.82 0.00	91.82 0.64 0.00	91.73 0.09 0.00	80.02 -0.08 0.00	72.31 0.00 0.00	79.52 -0.24 0.00	91.91 -0.37 0.00	120.65 -0.73 0.00	116.83 -0.59 0.00	119.00 -0.24 0.00	116.90 -0.59 0.00	113.02 -0.45 0.00	121.77 -0.61 0.00	134.88 -0.95 0.00	91.91 -1.12 0.00	101.33 -1.44 0.00	93.45 -1.13 0.00	121.77 -1.23 0.00	123.29 -0.87 0.00	116.88 -0.12 0.00	104.53 0.52 0.00
ALCOA___DSASP 323711	95.64 0.48 0.00	89.54 0.89 0.00	88.61 0.62 0.00	83.28 0.82 0.00	91.82 0.64 0.00	91.73 0.09 0.00	80.10 0.00 0.00	72.31 0.00 0.00	79.52 -0.24 0.00	91.91 -0.37 0.00	120.65 -0.72 0.00	116.83 -0.58 0.00	119.00 -0.24 0.00	116.90 -0.58 0.00	113.02 -0.45 0.00	121.77 -0.61 0.00	134.89 -0.94 0.00	92.01 -1.02 0.00	101.33 -1.44 0.00	93.45 -1.13 0.00	121.77 -1.23 0.00	123.30 -0.86 0.00	116.88 -0.12 0.00	104.53 0.52 0.00
ALLEGHENY___COGEN 23514	91.33 -3.71 0.12	83.02 -4.43 1.21	83.69 -4.22 0.07	78.32 -4.04 0.10	87.03 -4.10 0.05	88.67 -2.94 0.03	102.91 -1.92 -24.74	137.02 -1.38 -66.09	143.34 -2.23 -65.82	121.73 -3.51 -32.95	55.83 -5.70 59.84	61.77 -5.75 49.90	58.14 -6.08 55.03	50.96 -5.64 60.89	48.14 -5.56 59.78	59.05 -4.90 58.42	85.88 -4.35 45.60	127.64 -1.58 -36.19	147.51 -1.85 -46.58	141.90 -1.89 -49.21	138.80 -3.57 -19.38	60.80 -4.22 59.14	82.56 -3.98 30.47	99.70 -4.27 0.04
ALTAMONT_115KV_TB 2 55880	121.40 3.33 -22.91	109.10 3.01 -17.43	106.95 2.99 -15.96	107.51 2.80 -22.25	107.17 3.10 -12.88	112.56 3.12 -17.81	172.48 2.80 -89.58	201.21 2.53 -126.37	191.76 2.95 -109.05	151.56 3.32 -55.95	135.22 4.37 -9.48	127.11 4.23 -5.46	123.53 4.29 0.00	122.21 4.35 -0.37	117.56 4.09 0.00	126.66 4.28 0.00	140.45 4.62 0.00	185.28 3.26 -89.00	183.08 3.60 -76.71	169.01 3.31 -71.12	146.83 4.18 -19.65	135.80 4.35 -7.29	127.37 3.98 -6.40	122.33 3.64 -14.69
ALTONA_WT_PWR 323606	96.12 0.95 0.00	89.99 1.33 0.00	89.13 1.14 0.00	83.77 1.32 0.00	92.46 1.28 0.00	92.55 0.92 0.00	80.42 0.32 0.00	72.75 0.44 0.00	79.92 0.16 0.00	92.28 0.00 0.00	120.89 -0.48 0.00	117.30 -0.12 0.00	119.48 0.24 0.00	117.14 -0.35 0.00	113.25 -0.23 0.00	122.01 -0.37 0.00	135.16 -0.68 0.00	92.01 -1.02 0.00	101.23 -1.54 0.00	93.16 -1.42 0.00	121.40 -1.60 0.00	122.55 -1.62 0.00	115.83 -1.17 0.00	104.11 0.10 0.00
AMERICAN_REF_FUEL 24010	82.96 -13.13 -0.93	76.04 -12.68 -0.07	75.67 -12.76 -0.44	71.39 -11.71 -0.65	78.50 -12.85 -0.17	79.71 -11.91 0.01	72.03 -9.61 -1.55	65.29 -9.62 -2.60	65.87 -11.01 2.88	71.87 -12.92 7.49	66.30 -17.72 37.35	66.14 -17.03 34.25	65.95 -17.29 36.00	63.93 -16.92 36.64	61.67 -16.57 35.24	66.66 -17.87 37.85	67.27 -20.38 48.19	76.23 -12.93 3.87	73.55 -14.08 15.14	66.49 -13.33 14.76	74.39 -17.96 30.65	72.76 -18.25 33.15	83.26 -16.49 17.25	88.86 -15.19 -0.04
ARKWRIGHT___SUMMIT_WT_PWR 323751	85.60 -10.47 -0.90	78.12 -10.46 0.07	78.12 -10.29 -0.42	73.35 -9.73 -0.63	80.77 -10.58 -0.17	81.91 -9.72 0.01	72.95 -7.93 -0.78	66.18 -6.72 -0.59	66.70 -7.73 5.32	72.44 -9.32 10.52	64.21 -12.87 44.29	64.54 -12.21 40.66	64.19 -12.40 42.65	61.94 -12.22 43.33	59.57 -12.26 41.65	64.46 -13.09 44.83	63.64 -14.67 57.52	77.91 -9.02 6.09	73.61 -9.45 19.71	66.33 -8.89 19.35	73.38 -12.05 37.57	72.68 -12.29 39.19	86.11 -10.53 20.36	94.68 -9.36 -0.04
ARTHUR KILL_GT_1 23520	58.11 4.57 41.63	58.11 3.81 34.35	39.61 3.52 51.91	38.16 3.21 47.51	38.21 3.55 56.52	39.41 3.94 56.17	145.75 4.08 -61.57	184.21 4.27 -107.63	103.18 5.26 -18.16	93.54 5.99 4.73	68.15 7.77 61.00	58.49 7.52 66.45	56.68 7.15 69.72	56.23 7.17 68.43	57.97 6.92 62.43	58.10 7.22 71.49	143.44 7.60 0.00	166.93 5.68 -68.23	163.72 6.48 -54.46	158.12 5.87 -57.68	146.37 7.26 -16.12	137.47 7.32 -5.98	124.12 5.50 -1.62	114.64 5.20 -5.44
ARTHUR_KILL_2 23512	57.82 4.29 41.63	57.85 3.55 34.35	39.34 3.26 51.91	38.00 3.05 47.51	37.94 3.28 56.52	39.23 3.76 56.17	145.52 3.84 -61.57	183.99 4.05 -107.63	102.94 5.03 -18.16	93.27 5.72 4.73	67.90 7.53 61.00	58.13 7.16 66.45	56.32 6.79 69.72	55.87 6.81 68.43	57.62 6.58 62.43	57.73 6.85 71.49	143.03 7.19 0.00	166.65 5.39 -68.23	163.30 6.06 -54.46	157.83 5.58 -57.68	145.88 6.76 -16.12	137.09 6.95 -5.98	123.76 5.14 -1.62	114.33 4.89 -5.44
ARTHUR_KILL_3 23513	58.19 4.66 41.64	58.19 3.90 34.36	39.85 3.78 51.92	38.56 3.62 47.52	38.57 3.92 56.53	39.77 4.31 56.17	82.65 4.32 1.77	122.28 4.34 -45.63	103.25 5.34 -18.15	93.62 6.09 4.74	70.59 8.01 58.79	58.59 7.63 66.45	58.59 7.27 67.93	58.59 7.29 66.18	58.19 7.15 62.44	58.59 7.71 71.50	70.31 8.70 74.23	88.10 6.41 11.34	86.69 7.09 23.17	82.30 6.52 18.81	71.11 7.99 59.88	63.83 7.83 68.16	58.59 6.20 64.61	83.56 5.30 25.75

ARTHUR_KILL_COGEN 323718	58.11 4.57 41.63	58.11 3.81 34.35	39.61 3.52 51.91	38.16 3.21 47.51	38.21 3.55 56.52	39.41 3.94 56.17	145.75 4.08 -61.57	184.21 4.27 -107.63	103.18 5.26 -18.16	93.54 5.99 4.73	68.15 7.77 61.00	58.49 7.52 66.45	56.68 7.15 69.72	56.23 7.17 68.43	57.97 6.92 62.43	58.10 7.22 71.49	143.44 7.60 0.00	166.93 5.68 -68.23	163.72 6.48 -54.46	158.12 5.87 -57.68	146.37 7.26 -16.12	137.47 7.32 -5.98	124.12 5.50 -1.62	114.64 5.20 -5.44
ASHOKAN____ 23654	118.47 2.28 -21.03	106.69 2.04 -16.00	103.29 1.67 -13.63	103.35 1.73 -19.16	103.41 2.10 -10.13	106.65 2.29 -12.73	158.23 2.64 -75.49	188.13 2.38 -113.43	174.98 2.55 -92.67	145.39 1.75 -51.36	131.53 1.46 -8.70	123.95 1.52 -5.01	123.53 4.29 0.00	119.01 1.17 -0.34	117.79 4.31 -0.01	127.64 5.26 0.00	143.30 7.47 0.00	176.15 3.16 -79.96	173.72 3.60 -67.35	163.21 3.59 -65.03	145.09 4.05 -18.04	134.32 3.47 -6.69	124.36 2.80 -4.56	117.78 3.02 -10.75
ASTORIA_EAST_ENERGY_CC1 323581	118.53 4.57 -18.79	106.84 3.90 -14.29	101.87 3.61 -10.27	100.52 3.30 -14.76	100.71 3.65 -5.88	100.37 4.13 -4.60	139.15 4.16 -54.89	173.29 4.34 -96.65	154.02 5.34 -68.92	144.36 6.18 -45.90	137.47 8.13 -7.97	129.76 7.87 -4.47	126.79 7.40 -0.16	125.52 7.53 -0.50	120.74 7.27 0.00	130.08 7.71 0.01	144.25 8.42 0.01	169.04 6.14 -69.87	164.12 6.89 -54.46	158.49 6.24 -57.67	146.87 7.75 -16.11	137.84 7.70 -5.97	124.57 5.96 -1.61	114.37 5.40 -4.96
ASTORIA_EAST_ENERGY_CC2 323582	118.53 4.57 -18.79	106.94 3.99 -14.29	101.87 3.61 -10.27	100.52 3.30 -14.76	100.71 3.65 -5.88	100.37 4.13 -4.60	139.15 4.16 -54.89	173.29 4.34 -96.65	154.02 5.34 -68.92	144.36 6.18 -45.90	137.47 8.13 -7.97	129.76 7.87 -4.47	126.79 7.40 -0.16	125.52 7.53 -0.50	120.74 7.27 0.00	130.08 7.71 0.01	144.25 8.42 0.01	169.04 6.14 -69.87	164.12 6.89 -54.46	158.49 6.24 -57.67	146.87 7.75 -16.11	137.84 7.70 -5.97	124.57 5.96 -1.61	114.37 5.40 -4.96
ASTORIA_GT2_1 24094	118.81 4.85 -18.79	106.86 3.90 -14.30	101.88 3.61 -10.28	100.60 3.38 -14.77	100.71 3.65 -5.88	100.46 4.22 -4.61	139.16 4.17 -54.90	173.37 4.41 -96.65	154.11 5.42 -68.93	144.46 6.28 -45.91	137.48 8.13 -7.97	129.76 7.87 -4.48	126.92 7.51 -0.16	125.52 7.52 -0.51	120.85 7.38 0.00	129.97 7.59 0.00	144.39 8.56 0.00	169.14 6.23 -69.88	164.12 6.89 -54.46	158.59 6.34 -57.67	146.99 7.87 -16.12	137.84 7.70 -5.98	124.70 6.08 -1.62	114.48 5.51 -4.96
ASTORIA_GT2_2 24095	118.81 4.85 -18.79	106.86 3.90 -14.30	101.88 3.61 -10.28	100.60 3.38 -14.77	100.71 3.65 -5.88	100.46 4.22 -4.61	139.16 4.17 -54.90	173.37 4.41 -96.65	154.11 5.42 -68.93	144.46 6.28 -45.91	137.48 8.13 -7.97	129.76 7.87 -4.48	126.92 7.51 -0.16	125.52 7.52 -0.51	120.85 7.38 0.00	129.97 7.59 0.00	144.39 8.56 0.00	169.14 6.23 -69.88	164.12 6.89 -54.46	158.59 6.34 -57.67	146.99 7.87 -16.12	137.84 7.70 -5.98	124.70 6.08 -1.62	114.48 5.51 -4.96
ASTORIA_GT2_3 24096	118.81 4.85 -18.79	106.86 3.90 -14.30	101.88 3.61 -10.28	100.60 3.38 -14.77	100.71 3.65 -5.88	100.46 4.22 -4.61	139.16 4.17 -54.90	173.37 4.41 -96.65	154.11 5.42 -68.93	144.46 6.28 -45.91	137.48 8.13 -7.97	129.76 7.87 -4.48	126.92 7.51 -0.16	125.52 7.52 -0.51	120.85 7.38 0.00	129.97 7.59 0.00	144.39 8.56 0.00	169.14 6.23 -69.88	164.12 6.89 -54.46	158.59 6.34 -57.67	146.99 7.87 -16.12	137.84 7.70 -5.98	124.70 6.08 -1.62	114.48 5.51 -4.96
ASTORIA_GT2_4 24097	118.81 4.85 -18.79	106.86 3.90 -14.30	101.88 3.61 -10.28	100.60 3.38 -14.77	100.71 3.65 -5.88	100.46 4.22 -4.61	139.16 4.17 -54.90	173.37 4.41 -96.65	154.11 5.42 -68.93	144.46 6.28 -45.91	137.48 8.13 -7.97	129.76 7.87 -4.48	126.92 7.51 -0.16	125.52 7.52 -0.51	120.85 7.38 0.00	129.97 7.59 0.00	144.39 8.56 0.00	169.14 6.23 -69.88	164.12 6.89 -54.46	158.59 6.34 -57.67	146.99 7.87 -16.12	137.84 7.70 -5.98	124.70 6.08 -1.62	114.48 5.51 -4.96
ASTORIA_GT3_1 24098	118.81 4.85 -18.79	106.86 3.90 -14.30	101.88 3.61 -10.28	100.60 3.38 -14.77	100.71 3.65 -5.88	100.46 4.22 -4.61	139.16 4.17 -54.90	173.37 4.41 -96.65	154.11 5.42 -68.93	144.46 6.28 -45.91	137.48 8.13 -7.97	129.76 7.87 -4.48	126.92 7.51 -0.16	125.52 7.52 -0.51	120.85 7.38 0.00	129.97 7.59 0.00	144.39 8.56 0.00	169.14 6.23 -69.88	164.12 6.89 -54.46	158.59 6.34 -57.67	146.99 7.87 -16.12	137.84 7.70 -5.98	124.70 6.08 -1.62	114.48 5.51 -4.96
ASTORIA_GT3_2 24099	118.81 4.85 -18.79	106.86 3.90 -14.30	101.88 3.61 -10.28	100.60 3.38 -14.77	100.71 3.65 -5.88	100.46 4.22 -4.61	139.16 4.17 -54.90	173.37 4.41 -96.65	154.11 5.42 -68.93	144.46 6.28 -45.91	137.48 8.13 -7.97	129.76 7.87 -4.48	126.92 7.51 -0.16	125.52 7.52 -0.51	120.85 7.38 0.00	129.97 7.59 0.00	144.39 8.56 0.00	169.14 6.23 -69.88	164.12 6.89 -54.46	158.59 6.34 -57.67	146.99 7.87 -16.12	137.84 7.70 -5.98	124.70 6.08 -1.62	114.48 5.51 -4.96
ASTORIA_GT3_3 24100	118.81 4.85 -18.79	106.86 3.90 -14.30	101.88 3.61 -10.28	100.60 3.38 -14.77	100.71 3.65 -5.88	100.46 4.22 -4.61	139.16 4.17 -54.90	173.37 4.41 -96.65	154.11 5.42 -68.93	144.46 6.28 -45.91	137.48 8.13 -7.97	129.76 7.87 -4.48	126.92 7.51 -0.16	125.52 7.52 -0.51	120.85 7.38 0.00	129.97 7.59 0.00	144.39 8.56 0.00	169.14 6.23 -69.88	164.12 6.89 -54.46	158.59 6.34 -57.67	146.99 7.87 -16.12	137.84 7.70 -5.98	124.70 6.08 -1.62	114.48 5.51 -4.96
ASTORIA_GT3_4 24101	118.81 4.85 -18.79	106.86 3.90 -14.30	101.88 3.61 -10.28	100.60 3.38 -14.77	100.71 3.65 -5.88	100.46 4.22 -4.61	139.16 4.17 -54.90	173.37 4.41 -96.65	154.11 5.42 -68.93	144.46 6.28 -45.91	137.48 8.13 -7.97	129.76 7.87 -4.48	126.92 7.51 -0.16	125.52 7.52 -0.51	120.85 7.38 0.00	129.97 7.59 0.00	144.39 8.56 0.00	169.14 6.23 -69.88	164.12 6.89 -54.46	158.59 6.34 -57.67	146.99 7.87 -16.12	137.84 7.70 -5.98	124.70 6.08 -1.62	114.48 5.51 -4.96
ASTORIA_GT4_1 24102	118.81 4.85 -18.79	106.86 3.90 -14.30	101.88 3.61 -10.28	100.60 3.38 -14.77	100.71 3.65 -5.88	100.46 4.22 -4.61	139.16 4.17 -54.90	173.37 4.41 -96.65	154.11 5.42 -68.93	144.46 6.28 -45.91	137.48 8.13 -7.97	129.76 7.87 -4.48	126.92 7.51 -0.16	125.52 7.52 -0.51	120.85 7.38 0.00	129.97 7.59 0.00	144.39 8.56 0.00	169.14 6.23 -69.88	164.12 6.89 -54.46	158.59 6.34 -57.67	146.99 7.87 -16.12	137.84 7.70 -5.98	124.70 6.08 -1.62	114.48 5.51 -4.96
ASTORIA_GT4_2 24103	118.81 4.85 -18.79	106.86 3.90 -14.30	101.88 3.61 -10.28	100.60 3.38 -14.77	100.71 3.65 -5.88	100.46 4.22 -4.61	139.16 4.17 -54.90	173.37 4.41 -96.65	154.11 5.42 -68.93	144.46 6.28 -45.91	137.48 8.13 -7.97	129.76 7.87 -4.48	126.92 7.51 -0.16	125.52 7.52 -0.51	120.85 7.38 0.00	129.97 7.59 0.00	144.39 8.56 0.00	169.14 6.23 -69.88	164.12 6.89 -54.46	158.59 6.34 -57.67	146.99 7.87 -16.12	137.84 7.70 -5.98	124.70 6.08 -1.62	114.48 5.51 -4.96
ASTORIA_GT4_3 24104	118.81 4.85 -18.79	106.86 3.90 -14.30	101.88 3.61 -10.28	100.60 3.38 -14.77	100.71 3.65 -5.88	100.46 4.22 -4.61	139.16 4.17 -54.90	173.37 4.41 -96.65	154.11 5.42 -68.93	144.46 6.28 -45.91	137.48 8.13 -7.97	129.76 7.87 -4.48	126.92 7.51 -0.16	125.52 7.52 -0.51	120.85 7.38 0.00	129.97 7.59 0.00	144.39 8.56 0.00	169.14 6.23 -69.88	164.12 6.89 -54.46	158.59 6.34 -57.67	146.99 7.87 -16.12	137.84 7.70 -5.98	124.70 6.08 -1.62	114.48 5.51 -4.96

ASTORIA_GT4_4 24105	118.81 4.85 -18.79	106.86 3.90 -14.30	101.88 3.61 -10.28	100.60 3.38 -14.77	100.71 3.65 -5.88	100.46 4.22 -4.61	139.16 4.17 -54.90	173.37 4.41 -96.65	154.11 5.42 -68.93	144.46 6.28 -45.91	137.48 8.13 -7.97	129.76 7.87 -4.48	126.92 7.51 -0.16	125.52 7.52 -0.51	120.85 7.38 0.00	129.97 7.59 0.00	144.39 8.56 0.00	169.14 6.23 -69.88	164.12 6.89 -54.46	158.59 6.34 -57.67	146.99 7.87 -16.12	137.84 7.70 -5.98	124.70 6.08 -1.62	114.48 5.51 -4.96
ASTORIA_GT_1 23523	118.81 4.85 -18.79	107.11 4.17 -14.29	102.04 3.78 -10.27	100.68 3.46 -14.76	100.89 3.83 -5.88	100.64 4.40 -4.60	139.31 4.32 -54.89	173.51 4.56 -96.65	154.26 5.58 -68.92	144.64 6.46 -45.90	137.84 8.49 -7.97	129.99 8.10 -4.47	127.14 7.75 -0.16	125.74 7.75 -0.50	121.08 7.60 0.00	130.32 7.95 0.01	144.65 8.82 0.01	169.31 6.41 -69.87	164.32 7.09 -54.46	158.77 6.52 -57.67	147.23 8.12 -16.11	138.09 7.95 -5.97	124.92 6.31 -1.61	114.58 5.61 -4.96
ASTORIA_GT_10 24110	119.19 5.23 -18.79	107.30 4.34 -14.30	102.32 4.05 -10.28	101.01 3.79 -14.77	101.17 4.10 -5.88	100.92 4.67 -4.61	139.56 4.57 -54.90	173.62 4.70 -96.61	154.43 5.74 -68.93	144.74 6.55 -45.91	138.95 8.62 -8.96	130.35 8.45 -4.48	128.19 7.99 -0.96	127.11 8.11 -1.51	121.31 7.83 0.00	130.45 8.08 0.00	144.93 9.10 0.00	167.86 6.60 -68.22	164.64 7.40 -54.46	158.97 6.72 -57.67	147.48 8.36 -16.12	138.34 8.19 -5.98	125.17 6.55 -1.62	117.00 5.82 -7.17
ASTORIA_GT_11 24225	119.19 5.23 -18.79	107.30 4.34 -14.30	102.32 4.05 -10.28	101.01 3.79 -14.77	101.17 4.10 -5.88	100.92 4.67 -4.61	139.56 4.57 -54.90	173.62 4.70 -96.61	154.43 5.74 -68.93	144.74 6.55 -45.91	138.95 8.62 -8.96	130.35 8.45 -4.48	128.19 7.99 -0.96	127.11 8.11 -1.51	121.31 7.83 0.00	130.45 8.08 0.00	144.93 9.10 0.00	167.86 6.60 -68.22	164.64 7.40 -54.46	158.97 6.72 -57.67	147.48 8.36 -16.12	138.34 8.19 -5.98	125.17 6.55 -1.62	117.00 5.82 -7.17
ASTORIA_GT_12 24226	119.19 5.23 -18.79	107.30 4.34 -14.30	102.32 4.05 -10.28	101.01 3.79 -14.77	101.17 4.10 -5.88	100.92 4.67 -4.61	139.56 4.57 -54.90	173.62 4.70 -96.61	154.43 5.74 -68.93	144.74 6.55 -45.91	138.95 8.62 -8.96	130.35 8.45 -4.48	128.19 7.99 -0.96	127.11 8.11 -1.51	121.31 7.83 0.00	130.45 8.08 0.00	144.93 9.10 0.00	167.86 6.60 -68.22	164.64 7.40 -54.46	158.97 6.72 -57.67	147.48 8.36 -16.12	138.34 8.19 -5.98	125.17 6.55 -1.62	117.00 5.82 -7.17
ASTORIA_GT_13 24227	119.19 5.23 -18.79	107.30 4.34 -14.30	102.32 4.05 -10.28	101.01 3.79 -14.77	101.17 4.10 -5.88	100.92 4.67 -4.61	139.56 4.57 -54.90	173.62 4.70 -96.61	154.43 5.74 -68.93	144.74 6.55 -45.91	138.95 8.62 -8.96	130.35 8.45 -4.48	128.19 7.99 -0.96	127.11 8.11 -1.51	121.31 7.83 0.00	130.45 8.08 0.00	144.93 9.10 0.00	167.86 6.60 -68.22	164.64 7.40 -54.46	158.97 6.72 -57.67	147.48 8.36 -16.12	138.34 8.19 -5.98	125.17 6.55 -1.62	117.00 5.82 -7.17
ASTORIA_GT_5 24106	118.91 4.95 -18.79	106.94 3.99 -14.30	101.96 3.70 -10.28	100.69 3.46 -14.77	100.90 3.83 -5.88	100.65 4.40 -4.61	139.32 4.33 -54.90	173.52 4.56 -96.65	154.27 5.58 -68.93	144.64 6.46 -45.91	137.72 8.37 -7.97	130.00 8.10 -4.48	127.15 7.75 -0.16	125.75 7.75 -0.51	121.08 7.60 0.00	130.21 7.83 0.00	144.66 8.83 0.00	169.32 6.42 -69.88	164.33 7.09 -54.46	158.78 6.53 -57.67	147.24 8.12 -16.12	138.09 7.95 -5.98	124.82 6.20 -1.62	114.58 5.62 -4.96
ASTORIA_GT_7 24107	118.91 4.95 -18.79	106.94 3.99 -14.30	101.96 3.70 -10.28	100.69 3.46 -14.77	100.90 3.83 -5.88	100.65 4.40 -4.61	139.32 4.33 -54.90	173.52 4.56 -96.65	154.27 5.58 -68.93	144.64 6.46 -45.91	137.72 8.37 -7.97	130.00 8.10 -4.48	127.15 7.75 -0.16	125.75 7.75 -0.51	121.08 7.60 0.00	130.21 7.83 0.00	144.66 8.83 0.00	169.32 6.42 -69.88	164.33 7.09 -54.46	158.78 6.53 -57.67	147.24 8.12 -16.12	138.09 7.95 -5.98	124.82 6.20 -1.62	114.58 5.62 -4.96
ASTORIA_GT_8 24108	118.91 4.95 -18.79	106.94 3.99 -14.30	101.96 3.70 -10.28	100.69 3.46 -14.77	100.90 3.83 -5.88	100.65 4.40 -4.61	139.32 4.33 -54.90	173.52 4.56 -96.65	154.27 5.58 -68.93	144.64 6.46 -45.91	137.72 8.37 -7.97	130.00 8.10 -4.48	127.15 7.75 -0.16	125.75 7.75 -0.51	121.08 7.60 0.00	130.21 7.83 0.00	144.66 8.83 0.00	169.32 6.42 -69.88	164.33 7.09 -54.46	158.78 6.53 -57.67	147.24 8.12 -16.12	138.09 7.95 -5.98	124.82 6.20 -1.62	114.58 5.62 -4.96
ASTORIA___2 24149	118.62 4.66 -18.79	106.94 3.99 -14.29	101.87 3.61 -10.27	100.60 3.38 -14.76	100.71 3.65 -5.88	100.46 4.22 -4.60	139.23 4.24 -54.89	173.37 4.41 -96.65	154.11 5.43 -68.92	144.46 6.28 -45.90	137.60 8.26 -7.97	129.76 7.87 -4.47	126.91 7.52 -0.16	125.62 7.63 -0.50	120.85 7.37 0.00	130.08 7.71 0.01	144.39 8.56 0.01	169.13 6.23 -69.87	164.12 6.89 -54.46	158.59 6.34 -57.67	146.99 7.88 -16.11	137.84 7.70 -5.97	124.69 6.08 -1.61	114.47 5.51 -4.96
ASTORIA___3 23516	119.00 5.04 -18.79	107.30 4.34 -14.30	102.32 4.05 -10.28	101.02 3.79 -14.77	101.17 4.11 -5.88	100.92 4.67 -4.61	139.64 4.64 -54.90	173.62 4.70 -96.61	154.43 5.75 -68.93	144.74 6.55 -45.91	139.08 8.74 -8.96	130.36 8.46 -4.48	128.20 7.99 -0.96	127.10 8.10 -1.51	121.31 7.82 0.00	130.70 8.33 0.00	144.94 9.10 0.00	167.86 6.61 -68.23	164.64 7.40 -54.46	158.97 6.72 -57.68	147.49 8.37 -16.12	138.34 8.19 -5.98	125.16 6.55 -1.62	117.00 5.82 -7.17
ASTORIA___4 23517	119.19 5.23 -18.79	107.30 4.34 -14.30	102.32 4.05 -10.28	101.01 3.79 -14.77	101.17 4.10 -5.88	100.92 4.67 -4.61	139.56 4.57 -54.90	173.62 4.70 -96.61	154.43 5.74 -68.93	144.74 6.55 -45.91	138.95 8.62 -8.96	130.35 8.45 -4.48	128.19 7.99 -0.96	127.11 8.11 -1.51	121.31 7.83 0.00	130.45 8.08 0.00	144.93 9.10 0.00	167.86 6.60 -68.22	164.64 7.40 -54.46	158.97 6.72 -57.67	147.48 8.36 -16.12	138.34 8.19 -5.98	125.17 6.55 -1.62	117.00 5.82 -7.17
ASTORIA___5 23518	119.00 5.04 -18.79	107.30 4.34 -14.30	102.32 4.05 -10.28	101.02 3.79 -14.77	101.17 4.11 -5.88	100.92 4.67 -4.61	139.64 4.64 -54.90	173.62 4.70 -96.61	154.43 5.75 -68.93	144.74 6.55 -45.91	139.08 8.74 -8.96	130.36 8.46 -4.48	128.20 7.99 -0.96	127.10 8.10 -1.51	121.31 7.82 0.00	130.70 8.33 0.00	144.94 9.10 0.00	167.86 6.61 -68.23	164.64 7.40 -54.46	158.97 6.72 -57.68	147.49 8.37 -16.12	138.34 8.19 -5.98	125.16 6.55 -1.62	117.00 5.82 -7.17
AST_ENERGY_2_CC3 323677	119.00 5.04 -18.79	107.21 4.26 -14.30	102.40 4.14 -10.28	101.10 3.88 -14.77	101.35 4.29 -5.88	100.92 4.67 -4.61	139.62 4.64 -54.88	173.53 4.63 -96.59	154.25 5.58 -68.91	144.62 6.46 -45.89	137.50 8.37 -7.76	129.98 8.10 -4.47	126.97 7.75 0.02	125.53 7.75 -0.29	121.07 7.60 0.01	130.56 8.20 0.02	145.06 9.24 0.02	167.93 6.70 -68.20	164.72 7.50 -54.44	159.14 6.90 -57.65	147.58 8.48 -16.10	138.45 8.32 -5.96	125.27 6.67 -1.60	114.23 5.72 -4.51
AST_ENERGY_2_CC4 323678	119.00 5.04 -18.79	107.21 4.26 -14.30	102.40 4.14 -10.28	101.10 3.88 -14.77	101.35 4.29 -5.88	100.92 4.67 -4.61	139.62 4.64 -54.88	173.53 4.63 -96.59	154.25 5.58 -68.91	144.62 6.46 -45.89	137.50 8.37 -7.76	129.98 8.10 -4.47	126.97 7.75 0.02	125.53 7.75 -0.29	121.07 7.60 0.01	130.56 8.20 0.02	145.06 9.24 0.02	167.93 6.70 -68.20	164.72 7.50 -54.44	159.14 6.90 -57.65	147.58 8.48 -16.10	138.45 8.32 -5.96	125.27 6.67 -1.60	114.23 5.72 -4.51

ATHENS_STG_1 23668	119.58 3.81 -20.61	107.79 3.45 -15.68	102.17 3.34 -10.84	101.25 3.13 -15.66	100.39 3.46 -5.74	98.75 3.57 -3.54	140.84 3.36 -57.38	180.35 3.18 -104.86	155.96 3.75 -72.45	146.86 4.25 -50.34	135.49 5.59 -8.52	127.73 5.40 -4.91	124.48 5.24 0.00	123.12 5.29 -0.34	118.59 5.11 -0.01	127.89 5.51 0.00	142.08 6.25 0.00	171.56 4.47 -74.07	166.13 4.93 -58.42	162.26 4.54 -63.14	146.46 5.78 -17.68	136.43 5.71 -6.56	123.13 4.91 -1.22	112.08 4.27 -3.80
ATHENS_STG_2 23670	119.58 3.81 -20.61	107.79 3.45 -15.68	102.17 3.34 -10.84	101.25 3.13 -15.66	100.39 3.46 -5.74	98.75 3.57 -3.54	140.84 3.36 -57.38	180.35 3.18 -104.86	155.96 3.75 -72.45	146.86 4.25 -50.34	135.49 5.59 -8.52	127.73 5.40 -4.91	124.48 5.24 0.00	123.12 5.29 -0.34	118.59 5.11 -0.01	127.89 5.51 0.00	142.08 6.25 0.00	171.56 4.47 -74.07	166.13 4.93 -58.42	162.26 4.54 -63.14	146.46 5.78 -17.68	136.43 5.71 -6.56	123.13 4.91 -1.22	112.08 4.27 -3.80
ATHENS_STG_3 23677	119.58 3.81 -20.61	107.79 3.45 -15.68	102.17 3.34 -10.84	101.25 3.13 -15.66	100.39 3.46 -5.74	98.75 3.57 -3.54	140.84 3.36 -57.38	180.35 3.18 -104.86	155.96 3.75 -72.45	146.86 4.25 -50.34	135.49 5.59 -8.52	127.73 5.40 -4.91	124.48 5.24 0.00	123.12 5.29 -0.34	118.59 5.11 -0.01	127.89 5.51 0.00	142.08 6.25 0.00	171.56 4.47 -74.07	166.13 4.93 -58.42	162.26 4.54 -63.14	146.46 5.78 -17.68	136.43 5.71 -6.56	123.13 4.91 -1.22	112.08 4.27 -3.80
AUBURN___LFGE 323710	96.72 -1.62 -3.17	89.46 -1.86 -2.67	87.49 -2.02 -1.53	82.87 -1.81 -2.23	89.91 -1.91 -0.65	90.39 -1.28 -0.04	86.42 -0.80 -7.12	85.60 -0.51 -13.80	89.68 -0.64 -10.56	101.23 -0.83 -9.78	136.97 -1.21 -16.80	130.72 -1.41 -14.71	132.38 -1.55 -14.69	131.29 -1.41 -15.21	126.63 -1.48 -14.62	136.38 -1.47 -15.47	152.67 -1.49 -18.33	105.07 -0.56 -12.60	116.21 -0.41 -13.85	107.81 -0.57 -13.80	134.48 -1.23 -12.71	137.38 -1.61 -14.83	122.37 -1.76 -7.12	102.34 -1.87 -0.20
BABYLON_RES_REC 323704	121.47 7.52 -18.79	109.87 6.92 -14.30	105.04 6.78 -10.27	103.48 6.26 -14.76	109.24 7.02 -11.04	117.14 7.52 -17.99	141.94 6.97 -54.88	175.50 6.73 -96.47	156.56 7.90 -68.91	146.57 8.40 -45.89	140.58 11.29 -7.91	132.47 10.57 -4.48	129.25 9.89 -0.12	127.69 9.75 -0.45	123.91 10.43 0.00	135.34 11.87 -1.10	147.79 11.96 0.00	197.08 8.28 -95.77	176.00 9.25 -63.97	164.19 8.80 -60.81	149.94 10.83 -16.11	141.07 10.93 -5.98	128.68 10.06 -1.61	116.84 8.01 -4.83
BABYLON__69_KV_BK2 356345	122.61 8.66 -18.79	110.75 7.80 -14.30	106.09 7.83 -10.27	104.55 7.34 -14.76	110.42 8.21 -11.03	118.32 8.71 -17.98	143.06 8.09 -54.88	176.44 7.66 -96.46	157.59 8.93 -68.91	147.67 9.50 -45.89	141.79 12.50 -7.91	133.87 11.98 -4.48	130.56 11.21 -0.11	128.98 11.04 -0.45	125.28 11.80 0.00	136.81 13.34 -1.09	150.64 14.81 0.00	199.34 10.61 -95.71	178.76 12.02 -63.97	166.45 11.07 -60.80	152.77 13.65 -16.11	143.67 13.53 -5.98	130.20 11.58 -1.61	118.09 9.26 -4.82
BALL_HILL_WT_PWR 323825	85.75 -10.28 -0.86	78.47 -10.11 0.08	78.45 -9.94 -0.40	73.65 -9.40 -0.60	81.13 -10.21 -0.16	82.00 -9.62 0.01	72.12 -7.93 0.05	63.96 -6.80 1.55	64.55 -7.81 7.39	71.14 -9.41 11.73	65.32 -12.99 43.07	65.41 -12.33 39.68	65.07 -12.64 41.53	63.10 -12.33 42.05	60.83 -12.26 40.39	65.66 -13.09 43.63	64.23 -14.80 56.81	76.57 -9.11 7.34	71.64 -9.77 21.37	64.25 -9.27 21.06	71.82 -12.67 38.51	73.19 -13.04 37.94	85.83 -11.46 19.71	93.85 -10.19 -0.03
BARON_WINDS___WT_PWR 323822	87.67 -7.52 -0.02	80.21 -7.10 1.35	81.20 -7.12 -0.34	76.05 -6.84 -0.43	84.17 -7.57 -0.55	85.78 -7.05 -1.20	56.73 -5.77 17.60	15.38 -4.70 52.23	8.87 -5.59 65.30	29.45 -6.73 56.10	25.42 -9.59 86.37	25.74 -9.51 82.17	25.67 -9.78 83.79	25.90 -9.63 81.95	26.36 -9.19 77.93	25.02 -9.67 87.69	-6.00 -10.46 131.38	36.57 -6.60 49.85	2.58 -7.09 93.10	-6.00 -6.71 93.87	-6.00 -9.23 119.77	42.40 -9.56 72.20	71.45 -8.78 36.77	97.00 -7.91 -0.90
BARRETT_IC_1 23704	119.57 5.61 -18.79	108.18 5.23 -14.30	103.54 5.28 -10.27	102.08 4.86 -14.76	107.69 5.47 -11.04	115.12 5.50 -17.99	140.02 5.05 -54.88	173.81 4.92 -96.58	154.56 5.90 -68.91	144.53 6.36 -45.89	137.78 8.49 -7.91	129.88 7.99 -4.47	126.87 7.52 -0.11	125.46 7.53 -0.45	121.19 7.72 0.00	132.16 8.69 -1.09	145.62 9.79 0.00	209.64 7.16 -109.45	174.77 8.02 -63.97	162.78 7.38 -60.81	148.08 8.97 -16.11	139.08 8.94 -5.97	125.86 7.26 -1.61	114.66 5.82 -4.83
BARRETT_IC_10 23701	119.57 5.61 -18.79	108.18 5.23 -14.30	103.54 5.28 -10.27	102.08 4.86 -14.76	107.69 5.47 -11.04	115.12 5.50 -17.99	140.02 5.05 -54.88	169.51 4.92 -92.28	154.56 5.90 -68.90	144.52 6.36 -45.88	137.78 8.49 -7.91	129.88 7.99 -4.47	126.87 7.52 -0.11	125.46 7.53 -0.45	121.19 7.72 0.00	132.16 8.69 -1.09	145.61 9.79 0.01	89.14 7.16 11.05	174.76 8.02 -63.97	162.77 7.38 -60.81	148.08 8.97 -16.11	139.08 8.94 -5.97	125.86 7.26 -1.61	114.66 5.82 -4.83
BARRETT_IC_11 23702	119.57 5.61 -18.79	108.18 5.23 -14.30	103.54 5.28 -10.27	102.08 4.86 -14.76	107.69 5.47 -11.04	115.12 5.50 -17.99	140.02 5.05 -54.88	169.51 4.92 -92.28	154.56 5.90 -68.90	144.52 6.36 -45.88	137.78 8.49 -7.91	129.88 7.99 -4.47	126.87 7.52 -0.11	125.46 7.53 -0.45	121.19 7.72 0.00	132.16 8.69 -1.09	145.61 9.79 0.01	89.14 7.16 11.05	174.76 8.02 -63.97	162.77 7.38 -60.81	148.08 8.97 -16.11	139.08 8.94 -5.97	125.86 7.26 -1.61	114.66 5.82 -4.83
BARRETT_IC_12 23703	119.57 5.61 -18.79	108.18 5.23 -14.30	103.54 5.28 -10.27	102.08 4.86 -14.76	107.69 5.47 -11.04	115.12 5.50 -17.99	140.02 5.05 -54.88	169.51 4.92 -92.28	154.56 5.90 -68.90	144.52 6.36 -45.88	137.78 8.49 -7.91	129.88 7.99 -4.47	126.87 7.52 -0.11	125.46 7.53 -0.45	121.19 7.72 0.00	132.16 8.69 -1.09	145.61 9.79 0.01	89.14 7.16 11.05	174.76 8.02 -63.97	162.77 7.38 -60.81	148.08 8.97 -16.11	139.08 8.94 -5.97	125.86 7.26 -1.61	114.66 5.82 -4.83
BARRETT_IC_2 23705	119.57 5.61 -18.79	108.18 5.23 -14.30	103.54 5.28 -10.27	102.08 4.86 -14.76	107.69 5.47 -11.04	115.12 5.50 -17.99	140.02 5.05 -54.88	173.81 4.92 -96.58	154.56 5.90 -68.91	144.53 6.36 -45.89	137.78 8.49 -7.91	129.88 7.99 -4.47	126.87 7.52 -0.11	125.46 7.53 -0.45	121.19 7.72 0.00	132.16 8.69 -1.09	145.62 9.79 0.00	209.64 7.16 -109.45	174.77 8.02 -63.97	162.78 7.38 -60.81	148.08 8.97 -16.11	139.08 8.94 -5.97	125.86 7.26 -1.61	114.66 5.82 -4.83
BARRETT_IC_3 23706	119.57 5.61 -18.79	108.18 5.23 -14.30	103.54 5.28 -10.27	102.08 4.86 -14.76	107.69 5.47 -11.04	115.12 5.50 -17.99	140.02 5.05 -54.88	173.81 4.92 -96.58	154.56 5.90 -68.91	144.53 6.36 -45.89	137.78 8.49 -7.91	129.88 7.99 -4.47	126.87 7.52 -0.11	125.46 7.53 -0.45	121.19 7.72 0.00	132.16 8.69 -1.09	145.62 9.79 0.00	209.64 7.16 -109.45	174.77 8.02 -63.97	162.78 7.38 -60.81	148.08 8.97 -16.11	139.08 8.94 -5.97	125.86 7.26 -1.61	114.66 5.82 -4.83
BARRETT_IC_4 23707	119.57 5.61 -18.79	108.18 5.23 -14.30	103.54 5.28 -10.27	102.08 4.86 -14.76	107.69 5.47 -11.04	115.12 5.50 -17.99	140.02 5.05 -54.88	173.81 4.92 -96.58	154.56 5.90 -68.91	144.53 6.36 -45.89	137.78 8.49 -7.91	129.88 7.99 -4.47	126.87 7.52 -0.11	125.46 7.53 -0.45	121.19 7.72 0.00	132.16 8.69 -1.09	145.62 9.79 0.00	209.64 7.16 -109.45	174.77 8.02 -63.97	162.78 7.38 -60.81	148.08 8.97 -16.11	139.08 8.94 -5.97	125.86 7.26 -1.61	114.66 5.82 -4.83

BARRETT_IC_5 23708	119.57 5.61 -18.79	108.18 5.23 -14.30	103.54 5.28 -10.27	102.08 4.86 -14.76	107.69 5.47 -11.04	115.12 5.50 -17.99	140.02 5.05 -54.88	173.81 4.92 -96.58	154.56 5.90 -68.91	144.53 6.36 -45.89	137.78 8.49 -7.91	129.88 7.99 -4.47	126.87 7.52 -0.11	125.46 7.53 -0.45	121.19 7.72 0.00	132.16 8.69 -1.09	145.62 9.79 0.00	209.64 7.16 -109.45	174.77 8.02 -63.97	162.78 7.38 -60.81	148.08 8.97 -16.11	139.08 8.94 -5.97	125.86 7.26 -1.61	114.66 5.82 -4.83
BARRETT_IC_6 23709	119.57 5.61 -18.79	108.18 5.23 -14.30	103.54 5.28 -10.27	102.08 4.86 -14.76	107.69 5.47 -11.04	115.12 5.50 -17.99	140.02 5.05 -54.88	173.81 4.92 -96.58	154.56 5.90 -68.91	144.53 6.36 -45.89	137.78 8.49 -7.91	129.88 7.99 -4.47	126.87 7.52 -0.11	125.46 7.53 -0.45	121.19 7.72 0.00	132.16 8.69 -1.09	145.62 9.79 0.00	209.64 7.16 -109.45	174.77 8.02 -63.97	162.78 7.38 -60.81	148.08 8.97 -16.11	139.08 8.94 -5.97	125.86 7.26 -1.61	114.66 5.82 -4.83
BARRETT_IC_7 23710	119.66 5.71 -18.79	108.00 5.05 -14.30	103.46 5.19 -10.27	102.08 4.86 -14.76	107.69 5.47 -11.03	115.11 5.50 -17.98	140.02 5.05 -54.88	173.80 4.92 -96.58	154.56 5.90 -68.91	144.54 6.37 -45.89	137.67 8.37 -7.92	129.88 7.98 -4.48	126.87 7.51 -0.12	125.35 7.40 -0.46	121.19 7.72 0.00	132.03 8.57 -1.09	145.61 9.78 0.00	209.72 7.26 -109.44	174.75 8.02 -63.97	162.76 7.38 -60.80	148.09 8.98 -16.11	139.08 8.94 -5.98	125.87 7.25 -1.61	114.67 5.82 -4.84
BARRETT_IC_8 23711	119.57 5.61 -18.79	108.18 5.23 -14.30	103.54 5.28 -10.27	102.08 4.86 -14.76	107.69 5.47 -11.04	115.12 5.50 -17.99	140.02 5.05 -54.88	173.81 4.92 -96.58	154.56 5.90 -68.91	144.53 6.36 -45.89	137.78 8.49 -7.91	129.88 7.99 -4.47	126.87 7.52 -0.11	125.46 7.53 -0.45	121.19 7.72 0.00	132.16 8.69 -1.09	145.62 9.79 0.00	209.64 7.16 -109.45	174.77 8.02 -63.97	162.78 7.38 -60.81	148.08 8.97 -16.11	139.08 8.94 -5.97	125.86 7.26 -1.61	114.66 5.82 -4.83
BARRETT_IC_9 23700	119.57 5.61 -18.79	108.18 5.23 -14.30	103.54 5.28 -10.27	102.08 4.86 -14.76	107.69 5.47 -11.04	115.12 5.50 -17.99	140.02 5.05 -54.88	169.51 4.92 -92.28	154.56 5.90 -68.90	144.52 6.36 -45.88	137.78 8.49 -7.91	129.88 7.99 -4.47	126.87 7.52 -0.11	125.46 7.53 -0.45	121.19 7.72 0.00	132.16 8.69 -1.09	145.61 9.79 0.01	89.14 7.16 11.05	174.76 8.02 -63.97	162.77 7.38 -60.81	148.08 8.97 -16.11	139.08 8.94 -5.97	125.86 7.26 -1.61	114.66 5.82 -4.83
BARRETT___1 23545	119.57 5.61 -18.79	108.18 5.23 -14.30	103.54 5.28 -10.27	102.08 4.86 -14.76	107.69 5.47 -11.04	115.12 5.50 -17.99	140.02 5.05 -54.88	173.85 4.92 -96.62	154.56 5.90 -68.91	144.53 6.36 -45.89	137.78 8.49 -7.91	129.88 7.99 -4.47	126.87 7.52 -0.11	125.46 7.53 -0.45	121.19 7.72 0.00	132.16 8.69 -1.10	145.62 9.79 0.00	209.64 7.16 -109.45	174.77 8.02 -63.97	162.78 7.38 -60.81	148.08 8.97 -16.11	139.08 8.94 -5.97	125.86 7.26 -1.61	114.66 5.82 -4.83
BARRETT___2 23546	119.57 5.61 -18.79	108.18 5.23 -14.30	103.54 5.28 -10.27	102.08 4.86 -14.76	107.69 5.47 -11.04	115.12 5.50 -17.99	140.02 5.05 -54.88	169.51 4.92 -92.28	154.56 5.90 -68.90	144.52 6.36 -45.88	137.78 8.49 -7.91	129.88 7.99 -4.47	126.87 7.52 -0.11	125.46 7.53 -0.45	121.19 7.72 0.00	132.16 8.69 -1.09	145.61 9.79 0.01	89.14 7.16 11.05	174.76 8.02 -63.97	162.77 7.38 -60.81	148.08 8.97 -16.11	139.08 8.94 -5.97	125.86 7.26 -1.61	114.66 5.82 -4.83
BATAVIA___115KV_TB1 55881	87.37 -8.76 -0.96	79.80 -9.04 -0.19	78.76 -9.68 -0.45	75.04 -8.08 -0.67	82.79 -8.57 -0.18	84.11 -7.51 0.01	76.68 -5.85 -2.43	71.54 -5.64 -4.87	73.11 -6.62 0.03	79.45 -7.94 4.89	77.48 -11.17 32.73	76.71 -10.80 29.90	76.72 -10.97 31.55	74.68 -10.57 32.23	71.55 -10.89 31.04	78.55 -10.65 33.18	81.71 -12.63 41.49	83.88 -7.54 1.61	83.56 -8.32 10.89	76.17 -7.94 10.47	86.75 -11.32 24.94	83.26 -11.67 29.23	91.13 -10.65 15.23	93.86 -10.19 -0.04
BAYONEEC___CTG1 323682	119.09 5.14 -18.79	107.30 4.34 -14.30	102.49 4.22 -10.28	101.26 4.04 -14.77	101.44 4.38 -5.88	101.10 4.85 -4.61	139.79 4.81 -54.89	173.68 4.77 -96.60	154.43 5.75 -68.93	144.74 6.55 -45.90	136.89 8.62 -6.90	130.11 8.22 -4.48	126.40 7.87 0.71	124.90 7.99 0.58	121.20 7.72 0.00	130.82 8.44 0.00	145.34 9.51 0.00	168.13 6.88 -68.22	164.84 7.61 -54.46	159.25 7.00 -57.67	147.85 8.73 -16.12	138.59 8.45 -5.98	125.52 6.90 -1.62	112.47 5.93 -2.54
BAYONEEC___CTG10 323750	119.09 5.14 -18.79	107.30 4.34 -14.30	102.49 4.22 -10.28	101.26 4.04 -14.77	101.44 4.38 -5.88	101.10 4.85 -4.61	139.79 4.81 -54.89	173.68 4.77 -96.60	154.43 5.75 -68.93	144.74 6.55 -45.90	136.89 8.62 -6.90	130.11 8.22 -4.48	126.40 7.87 0.71	124.90 7.99 0.58	121.20 7.72 0.00	130.82 8.44 0.00	145.34 9.51 0.00	168.13 6.88 -68.22	164.84 7.61 -54.46	159.25 7.00 -57.67	147.85 8.73 -16.12	138.59 8.45 -5.98	125.52 6.90 -1.62	112.47 5.93 -2.54
BAYONEEC___CTG2 323683	119.09 5.14 -18.79	107.30 4.34 -14.30	102.49 4.22 -10.28	101.26 4.04 -14.77	101.44 4.38 -5.88	101.10 4.85 -4.61	139.79 4.81 -54.89	173.68 4.77 -96.60	154.43 5.75 -68.93	144.74 6.55 -45.90	136.89 8.62 -6.90	130.11 8.22 -4.48	126.40 7.87 0.71	124.90 7.99 0.58	121.20 7.72 0.00	130.82 8.44 0.00	145.34 9.51 0.00	168.13 6.88 -68.22	164.84 7.61 -54.46	159.25 7.00 -57.67	147.85 8.73 -16.12	138.59 8.45 -5.98	125.52 6.90 -1.62	112.47 5.93 -2.54
BAYONEEC___CTG3 323684	119.09 5.14 -18.79	107.30 4.34 -14.30	102.49 4.22 -10.28	101.26 4.04 -14.77	101.44 4.38 -5.88	101.10 4.85 -4.61	139.79 4.81 -54.89	173.68 4.77 -96.60	154.43 5.75 -68.93	144.74 6.55 -45.90	136.89 8.62 -6.90	130.11 8.22 -4.48	126.40 7.87 0.71	124.90 7.99 0.58	121.20 7.72 0.00	130.82 8.44 0.00	145.34 9.51 0.00	168.13 6.88 -68.22	164.84 7.61 -54.46	159.25 7.00 -57.67	147.85 8.73 -16.12	138.59 8.45 -5.98	125.52 6.90 -1.62	112.47 5.93 -2.54
BAYONEEC___CTG4 323685	119.09 5.14 -18.79	107.30 4.34 -14.30	102.49 4.22 -10.28	101.26 4.04 -14.77	101.44 4.38 -5.88	101.10 4.85 -4.61	139.79 4.81 -54.89	173.68 4.77 -96.60	154.43 5.75 -68.93	144.74 6.55 -45.90	136.89 8.62 -6.90	130.11 8.22 -4.48	126.40 7.87 0.71	124.90 7.99 0.58	121.20 7.72 0.00	130.82 8.44 0.00	145.34 9.51 0.00	168.13 6.88 -68.22	164.84 7.61 -54.46	159.25 7.00 -57.67	147.85 8.73 -16.12	138.59 8.45 -5.98	125.52 6.90 -1.62	112.47 5.93 -2.54
BAYONEEC___CTG5 323686	119.09 5.14 -18.79	107.30 4.34 -14.30	102.49 4.22 -10.28	101.26 4.04 -14.77	101.44 4.38 -5.88	101.10 4.85 -4.61	139.79 4.81 -54.89	173.68 4.77 -96.60	154.43 5.75 -68.93	144.74 6.55 -45.90	136.89 8.62 -6.90	130.11 8.22 -4.48	126.40 7.87 0.71	124.90 7.99 0.58	121.20 7.72 0.00	130.82 8.44 0.00	145.34 9.51 0.00	168.13 6.88 -68.22	164.84 7.61 -54.46	159.25 7.00 -57.67	147.85 8.73 -16.12	138.59 8.45 -5.98	125.52 6.90 -1.62	112.47 5.93 -2.54
BAYONEEC___CTG6 323687	119.09 5.14 -18.79	107.30 4.34 -14.30	102.49 4.22 -10.28	101.26 4.04 -14.77	101.44 4.38 -5.88	101.10 4.85 -4.61	139.79 4.81 -54.89	173.68 4.77 -96.60	154.43 5.75 -68.93	144.74 6.55 -45.90	136.89 8.62 -6.90	130.11 8.22 -4.48	126.40 7.87 0.71	124.90 7.99 0.58	121.20 7.72 0.00	130.82 8.44 0.00	145.34 9.51 0.00	168.13 6.88 -68.22	164.84 7.61 -54.46	159.25 7.00 -57.67	147.85 8.73 -16.12	138.59 8.45 -5.98	125.52 6.90 -1.62	112.47 5.93 -2.54

BAYONEEC___CTG7 323688	119.09 5.14 -18.79	107.30 4.34 -14.30	102.49 4.22 -10.28	101.26 4.04 -14.77	101.44 4.38 -5.88	101.10 4.85 -4.61	139.79 4.81 -54.89	173.68 4.77 -96.60	154.43 5.75 -68.93	144.74 6.55 -45.90	136.89 8.62 -6.90	130.11 8.22 -4.48	126.40 7.87 0.71	124.90 7.99 0.58	121.20 7.72 0.00	130.82 8.44 0.00	145.34 9.51 0.00	168.13 6.88 -68.22	164.84 7.61 -54.46	159.25 7.00 -57.67	147.85 8.73 -16.12	138.59 8.45 -5.98	125.52 6.90 -1.62	112.47 5.93 -2.54
BAYONEEC___CTG8 323689	119.09 5.14 -18.79	107.30 4.34 -14.30	102.49 4.22 -10.28	101.26 4.04 -14.77	101.44 4.38 -5.88	101.10 4.85 -4.61	139.79 4.81 -54.89	173.68 4.77 -96.60	154.43 5.75 -68.93	144.74 6.55 -45.90	136.89 8.62 -6.90	130.11 8.22 -4.48	126.40 7.87 0.71	124.90 7.99 0.58	121.20 7.72 0.00	130.82 8.44 0.00	145.34 9.51 0.00	168.13 6.88 -68.22	164.84 7.61 -54.46	159.25 7.00 -57.67	147.85 8.73 -16.12	138.59 8.45 -5.98	125.52 6.90 -1.62	112.47 5.93 -2.54
BAYONEEC___CTG9 323749	119.09 5.14 -18.79	107.30 4.34 -14.30	102.49 4.22 -10.28	101.26 4.04 -14.77	101.44 4.38 -5.88	101.10 4.85 -4.61	139.79 4.81 -54.89	173.68 4.77 -96.60	154.43 5.75 -68.93	144.74 6.55 -45.90	136.89 8.62 -6.90	130.11 8.22 -4.48	126.40 7.87 0.71	124.90 7.99 0.58	121.20 7.72 0.00	130.82 8.44 0.00	145.34 9.51 0.00	168.13 6.88 -68.22	164.84 7.61 -54.46	159.25 7.00 -57.67	147.85 8.73 -16.12	138.59 8.45 -5.98	125.52 6.90 -1.62	112.47 5.93 -2.54
BEACON___LESR 323632	122.65 4.57 -22.92	110.26 4.17 -17.44	109.60 4.31 -17.30	110.31 3.96 -23.90	110.57 4.29 -15.10	118.47 4.31 -22.52	181.99 3.52 -98.38	205.32 3.26 -129.75	202.30 3.75 -118.80	152.60 4.34 -55.98	136.56 5.71 -9.48	128.75 5.87 -5.47	125.20 5.96 0.00	123.97 6.11 -0.37	118.82 5.33 -0.01	127.64 5.26 0.00	141.13 5.29 0.00	187.87 3.53 -91.31	187.43 3.90 -80.75	169.64 3.59 -71.47	147.21 4.55 -19.66	136.29 4.84 -7.29	130.38 5.27 -8.11	127.14 4.89 -18.25
BEAVER RIVER___HYD 24048	96.90 1.05 -0.68	90.24 1.07 -0.52	89.11 0.79 -0.33	83.52 0.58 -0.48	91.69 0.37 -0.14	92.19 0.55 -0.01	83.07 1.28 -1.70	77.04 1.52 -3.21	83.04 1.59 -1.69	95.52 1.66 -1.58	123.83 2.19 -0.27	119.44 1.87 -0.15	121.03 1.79 0.00	119.37 1.87 -0.01	115.06 1.59 0.00	124.58 2.21 0.00	138.28 2.45 0.00	97.38 2.23 -2.12	106.82 2.57 -1.47	98.71 2.18 -1.95	126.01 2.46 -0.55	126.61 2.24 -0.21	119.22 2.22 0.00	105.92 1.87 -0.04
BEEBEE_GT_13 23619	89.63 -6.57 -1.03	81.84 -7.18 -0.37	81.09 -7.39 -0.49	76.91 -6.27 -0.72	84.72 -6.66 -0.20	85.95 -5.68 0.00	80.27 -4.73 -4.90	78.96 -4.70 -11.35	80.14 -5.42 -5.81	87.46 -6.37 -1.55	88.94 -8.74 23.69	87.69 -8.45 21.27	87.86 -8.59 22.79	85.43 -8.34 23.71	81.91 -8.62 22.95	89.79 -8.57 24.02	98.24 -10.05 27.54	90.41 -6.05 -3.43	94.29 -6.68 1.81	88.33 -6.34 -0.09	102.11 -9.10 11.79	92.98 -9.44 21.74	96.73 -8.89 11.38	95.95 -8.11 -0.05
BENSHRST_27_KV_BENSHRST_1 355998	129.70 5.90 -28.64	125.55 4.79 -32.11	102.81 4.49 -10.33	101.43 4.21 -14.77	101.63 4.56 -5.88	101.34 5.04 -4.67	146.72 5.05 -61.57	185.07 5.13 -107.63	166.13 6.22 -80.15	156.66 7.20 -57.18	148.23 9.35 -17.51	133.60 9.04 -7.14	135.87 8.70 -7.93	136.39 8.69 -10.21	121.93 8.40 -0.06	130.82 8.44 0.00	145.07 9.24 0.00	168.04 6.79 -68.22	164.84 7.61 -54.46	159.25 7.00 -57.67	147.73 8.61 -16.12	138.96 8.82 -5.98	125.52 6.90 -1.62	136.76 6.45 -26.30
BETHLEHEM___GRP 23843	121.05 2.95 -22.94	108.94 2.84 -17.45	108.17 2.90 -17.28	108.97 2.64 -23.88	108.97 2.74 -15.06	116.81 2.75 -22.43	180.42 2.08 -98.24	203.95 1.88 -129.77	200.64 2.23 -118.65	150.88 2.58 -56.02	134.50 3.64 -9.49	126.64 3.76 -5.47	123.18 3.93 0.00	122.09 4.23 -0.37	116.77 3.29 0.00	125.44 3.06 0.00	138.55 2.72 0.00	186.02 1.67 -91.32	185.34 1.85 -80.72	167.70 1.61 -71.51	144.76 2.09 -19.67	133.94 2.48 -7.30	128.35 3.28 -8.07	125.51 3.33 -18.17
BETHLEHEM___GS1 323560	121.14 3.04 -22.94	108.86 2.75 -17.45	108.17 2.90 -17.28	108.97 2.64 -23.88	108.97 2.73 -15.06	116.81 2.75 -22.43	180.41 2.08 -98.24	203.95 1.88 -129.77	200.64 2.23 -118.65	150.88 2.58 -56.02	134.38 3.52 -9.49	126.64 3.76 -5.47	123.17 3.93 0.00	121.97 4.11 -0.37	116.78 3.29 -0.01	125.44 3.06 0.00	138.55 2.72 0.00	186.02 1.68 -91.32	185.34 1.85 -80.72	167.70 1.61 -71.51	144.76 2.09 -19.67	133.94 2.48 -7.30	128.35 3.27 -8.07	125.51 3.33 -18.17
BETHLEHEM___GS2 323561	121.14 3.04 -22.94	108.86 2.75 -17.45	108.17 2.90 -17.28	108.97 2.64 -23.88	108.97 2.73 -15.06	116.81 2.75 -22.43	180.41 2.08 -98.24	203.95 1.88 -129.77	200.64 2.23 -118.65	150.88 2.58 -56.02	134.38 3.52 -9.49	126.64 3.76 -5.47	123.17 3.93 0.00	121.97 4.11 -0.37	116.78 3.29 -0.01	125.44 3.06 0.00	138.55 2.72 0.00	186.02 1.68 -91.32	185.34 1.85 -80.72	167.70 1.61 -71.51	144.76 2.09 -19.67	133.94 2.48 -7.30	128.35 3.27 -8.07	125.51 3.33 -18.17
BETHLEHEM___GS3 323562	121.14 3.04 -22.94	108.86 2.75 -17.45	108.17 2.90 -17.28	108.97 2.64 -23.88	108.97 2.73 -15.06	116.81 2.75 -22.43	180.41 2.08 -98.24	203.95 1.88 -129.77	200.64 2.23 -118.65	150.88 2.58 -56.02	134.38 3.52 -9.49	126.64 3.76 -5.47	123.17 3.93 0.00	121.97 4.11 -0.37	116.78 3.29 -0.01	125.44 3.06 0.00	138.55 2.72 0.00	186.02 1.68 -91.32	185.34 1.85 -80.72	167.70 1.61 -71.51	144.76 2.09 -19.67	133.94 2.48 -7.30	128.35 3.27 -8.07	125.51 3.33 -18.17
BETHLEHEM___STEEL 23779	85.87 -10.18 -0.88	78.67 -9.93 0.05	78.02 -10.38 -0.41	73.75 -9.32 -0.62	81.22 -10.12 -0.16	82.09 -9.53 0.01	72.48 -8.01 -0.39	65.02 -6.87 0.42	65.63 -7.90 6.23	72.04 -9.41 10.83	65.67 -13.11 42.59	65.79 -12.45 39.18	65.44 -12.76 41.05	63.52 -12.34 41.63	61.11 -12.37 40.00	66.76 -12.48 43.13	65.10 -14.94 55.79	77.19 -9.30 6.54	72.74 -9.97 20.07	65.38 -9.46 19.75	72.92 -12.91 37.17	73.28 -13.29 37.60	85.65 -11.82 19.53	93.54 -10.50 -0.04
BETHLHEM_115KV_TB1 79974	121.03 2.95 -22.92	108.93 2.84 -17.44	107.83 2.90 -16.94	108.55 2.64 -23.45	108.51 2.83 -14.50	115.63 2.75 -21.25	178.26 2.16 -96.00	203.10 1.95 -128.84	198.23 2.31 -116.16	151.02 2.77 -55.97	134.62 3.76 -9.48	126.76 3.87 -5.46	123.18 3.93 0.00	122.09 4.23 -0.37	116.88 3.40 0.00	125.56 3.18 0.00	138.82 2.99 0.00	185.66 1.95 -90.68	184.59 2.16 -79.66	167.84 1.89 -71.37	145.11 2.46 -19.66	134.31 2.86 -7.29	128.04 3.39 -7.64	124.62 3.33 -17.28
BETHPAGE_CC_5 323564	120.61 6.66 -18.79	108.98 6.03 -14.30	104.16 5.90 -10.27	102.74 5.53 -14.76	108.33 6.11 -11.04	116.22 6.60 -17.99	141.14 6.17 -54.88	174.79 6.00 -96.48	155.76 7.10 -68.91	145.82 7.66 -45.89	139.49 10.20 -7.91	131.40 9.51 -4.48	128.30 8.95 -0.12	126.87 8.92 -0.45	122.79 9.31 0.00	134.12 10.64 -1.10	147.52 11.68 0.00	197.78 8.55 -96.20	176.20 9.45 -63.97	164.09 8.70 -60.81	149.81 10.70 -16.11	140.82 10.68 -5.98	127.50 8.89 -1.61	115.91 7.08 -4.83
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	86.26 -9.80 -0.90	79.20 -9.40 0.05	78.64 -9.77 -0.42	74.17 -8.91 -0.62	81.59 -9.76 -0.17	82.28 -9.35 0.01	72.98 -7.77 -0.65	66.12 -6.44 -0.25	66.82 -7.34 5.59	73.02 -8.77 10.49	65.98 -12.26 43.14	66.16 -11.62 39.63	65.76 -11.92 41.55	63.79 -11.51 42.19	61.36 -11.57 40.55	67.08 -11.63 43.67	65.76 -13.85 56.21	78.30 -8.56 6.17	74.02 -9.15 19.61	66.51 -8.80 19.27	73.95 -12.05 37.00	73.74 -12.29 38.14	86.31 -10.88 19.81	94.27 -9.78 -0.04

BINGHAMTON___COGEN 23790	98.73 -1.43 -4.99	90.78 -1.33 -3.45	89.44 -1.50 -2.95	85.25 -1.40 -4.20	91.47 -1.64 -1.93	92.27 -1.37 -2.01	97.32 -0.80 -18.03	103.33 -0.43 -31.45	102.59 -0.56 -23.40	102.84 -0.83 -11.39	102.15 -1.21 18.01	99.41 -1.29 16.71	98.84 -1.43 18.97	96.52 -1.29 19.67	93.01 -1.36 19.10	101.16 -1.22 19.99	111.72 -1.22 22.89	111.58 -0.37 -18.92	116.88 -0.31 -14.42	107.20 -0.38 -13.00	115.95 -0.86 6.19	106.13 -1.24 16.79	106.96 -1.29 8.76	104.55 -1.25 -1.79
BIXINCNT_115KV_LOAD 355685	84.88 -11.23 -0.95	78.58 -10.02 0.06	77.79 -10.65 -0.44	72.64 -10.47 -0.66	79.96 -11.40 -0.17	80.81 -10.81 0.01	72.69 -9.13 -1.72	68.60 -6.72 -3.01	69.20 -7.58 2.98	74.56 -8.58 9.14	63.63 -12.14 45.60	63.37 -12.33 41.72	62.87 -12.52 43.85	60.91 -11.87 44.71	58.55 -11.92 43.01	64.15 -12.12 46.11	63.87 -13.72 58.24	79.99 -8.37 4.67	76.35 -8.63 17.79	68.58 -8.61 17.39	74.63 -11.93 36.44	71.45 -12.17 40.55	85.52 -10.41 21.06	94.79 -9.26 -0.04
BLACK RIVER___HYD 24047	97.83 1.71 -0.95	90.98 1.60 -0.73	89.68 1.23 -0.46	84.03 0.91 -0.67	92.02 0.64 -0.19	92.83 1.19 -0.01	84.54 2.08 -2.37	79.39 2.46 -4.62	84.81 2.63 -2.43	97.23 2.68 -2.27	125.40 3.64 -0.38	120.69 3.05 -0.22	122.22 2.98 0.00	120.68 3.17 -0.02	116.32 2.84 0.00	126.29 3.92 0.00	140.18 4.35 0.00	99.90 3.82 -3.05	109.31 4.42 -2.12	101.27 3.88 -2.81	128.22 4.42 -0.80	128.43 3.97 -0.30	120.51 3.51 0.00	106.88 2.81 -0.06
BLACKRVR_115KV_TB2 79977	97.83 1.71 -0.95	90.98 1.60 -0.73	89.68 1.23 -0.46	84.03 0.91 -0.67	92.01 0.64 -0.19	92.83 1.19 -0.01	84.55 2.08 -2.37	79.51 2.46 -4.75	84.88 2.63 -2.50	97.29 2.68 -2.33	125.41 3.64 -0.39	120.70 3.05 -0.23	122.34 3.10 0.00	120.68 3.17 -0.02	116.31 2.84 0.00	126.29 3.92 0.00	140.18 4.35 0.00	99.97 3.81 -3.13	109.37 4.42 -2.18	101.34 3.88 -2.88	128.25 4.43 -0.82	128.44 3.97 -0.30	120.51 3.51 0.00	106.87 2.81 -0.06
BLISS_WT_PWR 323608	83.84 -12.28 -0.95	77.60 -11.00 0.06	76.82 -11.62 -0.44	71.66 -11.46 -0.66	78.87 -12.49 -0.17	79.89 -11.73 0.01	71.88 -9.94 -1.72	67.89 -7.45 -3.03	68.49 -8.30 2.97	73.83 -9.32 9.13	62.66 -13.11 45.60	62.31 -13.39 41.72	61.79 -13.60 43.85	59.86 -12.92 44.71	57.52 -12.94 43.01	62.57 -13.70 46.11	62.79 -14.80 58.24	79.25 -9.11 4.66	75.63 -9.35 17.79	67.93 -9.27 17.38	73.65 -12.91 36.44	70.45 -13.16 40.55	84.71 -11.23 21.06	94.06 -9.99 -0.04
BLUESTONE___WT_PWR 323821	106.40 3.52 -7.71	98.19 3.28 -6.25	95.73 2.99 -4.75	91.64 2.47 -6.71	97.03 2.55 -3.30	98.70 3.29 -3.77	108.51 3.92 -24.49	113.32 4.05 -36.97	115.41 4.38 -31.27	117.87 4.52 -21.07	153.37 5.52 -26.05	145.30 5.52 -22.36	146.13 5.24 -21.65	145.32 5.29 -22.54	139.88 4.77 -21.64	151.18 6.00 -22.81	169.49 6.92 -26.74	128.76 5.58 -30.15	140.74 6.58 -31.38	129.07 5.77 -28.72	150.16 6.76 -20.40	153.79 6.58 -23.06	134.92 5.96 -11.96	112.17 4.89 -3.27
BLUE_CIRC_CHEM_DRP 24182	121.37 3.62 -22.59	109.21 3.37 -17.19	106.81 3.43 -15.38	107.08 3.13 -21.50	106.76 3.46 -12.11	111.22 3.30 -16.29	168.79 2.72 -85.97	198.40 2.39 -123.71	187.39 2.71 -104.93	150.50 3.05 -55.17	134.85 4.13 -9.34	126.79 3.99 -5.39	123.41 4.17 0.00	122.20 4.35 -0.37	117.33 3.86 0.00	126.29 3.92 0.00	140.18 4.35 0.00	183.06 2.88 -87.15	180.53 3.19 -74.57	167.55 2.93 -70.04	146.19 3.81 -19.37	135.32 3.97 -7.19	126.94 4.09 -5.85	121.38 3.85 -13.53
BOC_GAS_DRP 24189	120.83 2.85 -22.81	108.67 2.66 -17.36	105.67 2.64 -15.04	106.02 2.47 -21.09	105.23 2.64 -11.40	108.98 2.66 -14.69	165.96 2.32 -83.54	198.08 2.10 -123.67	184.56 2.47 -102.33	150.95 2.95 -55.71	134.69 3.88 -9.43	126.73 3.87 -5.44	123.06 3.82 0.00	121.85 3.99 -0.37	116.99 3.52 0.00	126.05 3.67 0.00	139.77 3.94 0.00	182.88 2.70 -87.15	179.55 2.98 -73.80	167.93 2.74 -70.60	146.01 3.44 -19.56	135.02 3.60 -7.26	125.66 3.39 -5.26	119.46 3.12 -12.33
BOONVILLE_115KV_TB1 79983	97.84 2.09 -0.59	91.05 1.95 -0.45	90.12 1.85 -0.28	84.43 1.57 -0.41	92.85 1.55 -0.12	93.56 1.92 -0.01	83.79 2.24 -1.45	77.46 2.24 -2.91	83.84 2.55 -1.53	96.48 2.77 -1.43	125.38 3.76 -0.24	120.96 3.41 -0.14	122.58 3.34 0.00	120.90 3.41 -0.01	116.54 3.06 0.00	126.17 3.79 0.00	139.91 4.07 0.00	98.30 3.35 -1.92	107.91 3.80 -1.34	99.75 3.40 -1.77	127.56 4.06 -0.50	128.20 3.85 -0.19	120.51 3.51 0.00	106.96 2.91 -0.04
BORALEX_4TH_BRANCH 23824	124.59 6.57 -22.86	111.99 5.94 -17.39	114.27 5.81 -20.47	115.79 5.52 -27.81	117.69 6.11 -20.40	131.83 6.32 -33.87	205.27 5.85 -119.32	214.90 5.13 -137.46	227.68 5.90 -142.02	154.84 6.74 -55.82	139.57 8.74 -9.45	131.32 8.45 -5.45	127.59 8.35 0.00	126.32 8.46 -0.37	121.76 8.28 0.00	130.94 8.57 0.00	145.61 9.78 0.00	196.76 7.16 -96.57	200.97 7.91 -90.28	173.81 7.19 -72.04	151.95 9.35 -19.60	140.62 9.19 -7.27	137.42 8.19 -12.23	137.98 7.18 -26.80
BOWLINE___1 23526	117.96 4.57 -18.23	106.52 3.99 -13.87	101.82 3.87 -9.96	100.39 3.62 -14.31	100.89 4.01 -5.70	100.49 4.40 -4.46	137.54 4.24 -53.20	170.18 4.19 -93.67	151.60 5.03 -66.82	142.43 5.63 -44.52	136.32 7.40 -7.54	128.81 7.04 -4.35	125.91 6.67 0.00	124.60 6.81 -0.30	120.17 6.69 0.00	129.72 7.34 0.00	144.12 8.29 0.00	165.22 6.04 -66.15	162.36 6.78 -52.81	156.75 6.24 -55.93	146.39 7.75 -15.63	137.54 7.57 -5.80	124.76 6.20 -1.56	113.67 5.30 -4.36
BOWLINE___2 23595	118.15 4.76 -18.23	106.69 4.17 -13.87	102.00 4.05 -9.96	100.57 3.79 -14.32	101.08 4.20 -5.70	100.58 4.49 -4.46	137.71 4.40 -53.21	170.26 4.27 -93.68	151.69 5.11 -66.82	142.62 5.82 -44.52	136.44 7.53 -7.54	129.05 7.28 -4.35	126.15 6.91 0.00	124.72 6.93 -0.30	120.29 6.81 0.00	129.84 7.47 0.00	144.40 8.56 0.00	165.42 6.23 -66.16	162.58 6.99 -52.81	156.85 6.34 -55.93	146.62 7.99 -15.63	137.66 7.70 -5.80	124.99 6.43 -1.56	113.88 5.51 -4.36
BRADY___115KV_TB2 356060	96.50 1.33 0.00	90.43 1.77 0.00	89.75 1.76 0.00	84.02 1.57 0.00	92.55 1.37 0.00	92.46 0.82 0.00	80.82 0.72 0.00	73.11 0.80 0.00	80.31 0.56 0.00	92.74 0.46 0.00	121.74 0.36 0.00	117.89 0.47 0.00	120.08 0.83 0.00	117.84 0.35 0.00	114.04 0.57 0.00	122.87 0.49 0.00	136.24 0.41 0.00	92.93 -0.09 0.00	102.57 -0.21 0.00	94.49 -0.09 0.00	123.12 0.12 0.00	124.66 0.50 0.00	118.29 1.29 0.00	105.78 1.77 0.00
BRANSCOMB___SOLAR 323811	125.39 6.66 -23.56	112.69 6.11 -17.93	118.13 6.07 -24.07	120.57 5.77 -32.34	123.53 6.38 -25.97	143.59 6.51 -45.45	228.62 5.93 -142.60	226.88 5.43 -149.14	253.86 6.06 -168.05	156.56 6.73 -57.55	139.86 8.74 -9.75	131.13 8.10 -5.62	127.35 8.11 0.00	125.97 8.10 -0.38	121.54 8.06 -0.01	131.19 8.82 0.00	146.15 10.32 0.00	205.08 7.45 -104.60	212.99 8.22 -101.99	177.02 7.47 -74.97	152.81 9.60 -20.21	141.22 9.56 -7.50	141.86 8.43 -16.43	146.86 7.28 -35.57
BRENTWOD_69_KV_W. BRTWOOD 56703	122.33 8.37 -18.79	110.49 7.54 -14.30	105.92 7.66 -10.27	104.39 7.17 -14.76	110.15 7.93 -11.03	118.13 8.52 -17.98	142.82 7.85 -54.88	176.07 7.30 -96.45	157.27 8.61 -68.91	147.21 9.04 -45.89	141.30 12.02 -7.91	133.40 11.51 -4.48	130.09 10.73 -0.11	128.51 10.57 -0.45	124.82 11.35 0.00	136.32 12.85 -1.09	149.96 14.13 0.00	198.56 10.14 -95.39	178.35 11.61 -63.97	165.98 10.59 -60.80	152.27 13.16 -16.11	143.30 13.16 -5.98	129.73 11.12 -1.61	117.77 8.94 -4.82



BRISTLHL_115KV_TB1 79998	93.99 -2.66 -1.49	87.04 -2.75 -1.13	85.80 -2.90 -0.72	80.86 -2.64 -1.05	88.66 -2.83 -0.30	89.17 -2.47 -0.01	81.79 -2.00 -3.70	77.91 -1.81 -7.41	81.66 -1.99 -3.89	93.52 -2.40 -3.64	118.84 -3.16 -0.62	114.60 -3.17 -0.36	115.90 -3.34 0.00	114.34 -3.17 -0.02	110.30 -3.18 0.00	119.07 -3.30 0.00	132.17 -3.67 0.00	95.78 -2.14 -4.89	103.91 -2.26 -3.40	96.90 -2.18 -4.50	121.08 -3.20 -1.28	121.16 -3.48 -0.47	113.61 -3.39 0.00	100.87 -3.22 -0.09
BROOKHAVEN___DRP 24191	122.23 8.28 -18.79	110.66 7.71 -14.30	106.09 7.83 -10.27	104.55 7.34 -14.76	110.33 8.12 -11.03	118.41 8.80 -17.98	142.82 7.85 -54.88	176.50 7.74 -96.45	157.67 9.01 -68.91	147.12 8.95 -45.89	141.66 12.38 -7.91	133.64 11.74 -4.48	129.61 10.25 -0.11	128.16 10.22 -0.45	125.05 11.57 0.00	136.81 13.34 -1.09	150.77 14.94 0.00	199.16 10.88 -95.25	179.17 12.44 -63.97	166.83 11.44 -60.80	153.26 14.14 -16.11	144.05 13.91 -5.98	130.20 11.58 -1.61	118.08 9.26 -4.82
BROOKLYN_NAVY_YARD 23515	119.19 5.23 -18.79	107.21 4.26 -14.30	102.40 4.14 -10.28	101.10 3.88 -14.77	101.35 4.29 -5.88	100.92 4.67 -4.61	139.71 4.72 -54.89	173.75 4.77 -96.67	154.43 5.75 -68.93	144.74 6.55 -45.90	137.92 8.62 -7.93	130.11 8.22 -4.48	127.36 7.99 -0.13	125.94 7.99 -0.46	121.20 7.72 0.00	130.82 8.44 0.00	145.34 9.51 0.00	170.71 6.98 -70.71	164.95 7.71 -54.46	159.35 7.10 -57.67	147.98 8.86 -16.12	138.70 8.56 -5.98	125.52 6.90 -1.62	114.68 5.82 -4.85
BROOKLYN___ARMY_DRP 323595	129.32 5.52 -28.64	125.29 4.52 -32.11	102.55 4.22 -10.33	101.18 3.96 -14.77	101.35 4.29 -5.88	101.07 4.76 -4.67	146.40 4.73 -61.57	184.79 4.84 -107.63	165.81 5.90 -80.15	156.29 6.83 -57.18	146.34 8.74 -16.22	133.13 8.57 -7.14	134.23 8.11 -6.88	134.61 8.22 -8.90	121.36 7.83 -0.06	130.33 7.95 0.00	144.39 8.56 0.00	167.58 6.33 -68.22	164.33 7.09 -54.46	158.78 6.53 -57.67	147.11 7.99 -16.12	138.34 8.19 -5.98	125.05 6.43 -1.62	133.46 6.03 -23.42
BROOKVLE_69_KV_TB1 55790	121.09 7.14 -18.79	109.16 6.21 -14.30	104.51 6.25 -10.27	103.07 5.85 -14.76	108.78 6.57 -11.03	116.58 6.96 -17.98	141.62 6.65 -54.88	175.20 6.36 -96.53	156.16 7.50 -68.91	146.38 8.21 -45.89	139.97 10.68 -7.92	132.23 10.33 -4.48	129.14 9.78 -0.12	127.58 9.63 -0.46	123.46 9.99 0.00	134.48 11.01 -1.09	148.33 12.50 0.00	200.50 9.12 -98.35	176.91 10.17 -63.97	164.65 9.27 -60.80	150.55 11.44 -16.11	141.44 11.30 -5.98	127.98 9.36 -1.61	116.44 7.59 -4.84
BROOME_2_LFGE 323671	98.73 -1.42 -4.99	90.78 -1.33 -3.45	89.53 -1.41 -2.95	85.25 -1.40 -4.20	91.47 -1.64 -1.93	92.27 -1.37 -2.01	97.33 -0.80 -18.03	103.34 -0.43 -31.47	102.60 -0.55 -23.40	102.85 -0.83 -11.40	102.15 -1.21 18.01	99.41 -1.29 16.71	98.85 -1.43 18.97	96.53 -1.29 19.67	93.02 -1.36 19.10	101.16 -1.22 19.99	111.72 -1.22 22.89	111.59 -0.37 -18.93	116.88 -0.31 -14.42	107.11 -0.47 -13.00	115.96 -0.86 6.19	106.13 -1.24 16.79	106.96 -1.28 8.76	104.55 -1.24 -1.79
BROOME___LFGE 323600	98.73 -1.42 -4.99	90.78 -1.33 -3.45	89.53 -1.41 -2.95	85.25 -1.40 -4.20	91.47 -1.64 -1.93	92.27 -1.37 -2.01	97.33 -0.80 -18.03	103.34 -0.43 -31.47	102.60 -0.55 -23.40	102.85 -0.83 -11.40	102.15 -1.21 18.01	99.41 -1.29 16.71	98.85 -1.43 18.97	96.53 -1.29 19.67	93.02 -1.36 19.10	101.16 -1.22 19.99	111.72 -1.22 22.89	111.59 -0.37 -18.93	116.88 -0.31 -14.42	107.11 -0.47 -13.00	115.96 -0.86 6.19	106.13 -1.24 16.79	106.96 -1.28 8.76	104.55 -1.24 -1.79
BROWNFLS_115KV_TB_3_5 80003	96.22 0.57 -0.48	89.82 0.80 -0.36	88.92 0.70 -0.23	83.29 0.49 -0.34	91.37 0.09 -0.10	91.45 -0.18 0.00	81.45 0.16 -1.19	75.20 0.51 -2.39	81.41 0.40 -1.25	93.91 0.46 -1.17	122.06 0.49 -0.20	117.88 0.35 -0.11	119.72 0.48 0.00	117.85 0.35 -0.01	113.82 0.34 0.00	122.62 0.24 0.00	135.83 0.00 0.00	94.79 0.19 -1.57	104.07 0.21 -1.10	96.12 0.09 -1.45	123.41 0.00 -0.41	124.56 0.25 -0.15	117.82 0.82 0.00	105.08 1.04 -0.03
BROWNSV1_27_KV_LOAD 356125	120.05 6.09 -18.79	108.10 5.14 -14.30	103.19 4.93 -10.28	101.92 4.70 -14.77	102.17 5.11 -5.88	101.84 5.59 -4.61	140.44 5.45 -54.89	174.33 5.42 -96.60	155.22 6.54 -68.93	145.66 7.47 -45.90	138.86 9.71 -7.77	131.29 9.39 -4.48	128.30 9.06 0.00	126.84 9.05 -0.31	122.33 8.85 0.00	131.80 9.42 0.00	146.70 10.87 0.00	169.06 7.81 -68.22	165.97 8.74 -54.46	160.29 8.04 -57.67	149.08 9.96 -16.12	139.83 9.68 -5.98	126.57 7.96 -1.62	115.38 6.86 -4.51
BURROWS___LYONSDAL 23803	97.58 1.81 -0.60	90.80 1.68 -0.46	89.86 1.58 -0.29	84.12 1.24 -0.43	92.49 1.19 -0.12	93.20 1.56 -0.01	83.60 2.00 -1.50	77.34 2.02 -3.01	83.65 2.31 -1.58	96.25 2.49 -1.48	125.02 3.40 -0.25	120.61 3.05 -0.14	122.22 2.98 0.00	120.43 2.94 -0.01	116.20 2.72 0.00	125.80 3.43 0.00	139.50 3.67 0.00	98.08 3.07 -1.99	107.65 3.49 -1.38	99.53 3.12 -1.83	127.21 3.69 -0.52	127.83 3.48 -0.19	120.16 3.16 0.00	106.75 2.70 -0.04
CAITHNESS_CC_1 323624	121.85 7.89 -18.79	110.58 7.63 -14.30	105.74 7.47 -10.27	104.22 7.00 -14.76	109.97 7.75 -11.04	118.05 8.42 -17.99	142.42 7.45 -54.88	176.21 7.45 -96.45	157.36 8.69 -68.91	146.84 8.67 -45.89	141.42 12.14 -7.91	133.28 11.39 -4.48	129.37 10.02 -0.11	127.92 9.98 -0.45	124.72 11.24 0.00	136.32 12.85 -1.10	150.22 14.39 0.00	198.70 10.42 -95.26	178.56 11.81 -63.97	166.27 10.87 -60.81	152.52 13.41 -16.11	143.43 13.29 -5.98	129.74 11.12 -1.61	117.66 8.84 -4.82
CALPINE BETH_PAGE_GT4 24209	120.61 6.66 -18.79	108.80 5.85 -14.30	104.16 5.90 -10.27	102.74 5.52 -14.76	108.32 6.11 -11.03	116.21 6.60 -17.98	141.30 6.33 -54.88	174.78 6.00 -96.47	155.76 7.10 -68.91	145.83 7.66 -45.89	139.24 9.95 -7.92	131.52 9.63 -4.48	128.30 8.94 -0.12	126.87 8.93 -0.45	122.90 9.42 0.00	133.99 10.52 -1.09	147.65 11.82 0.00	198.26 8.56 -96.68	176.30 9.56 -63.97	164.09 8.70 -60.80	149.94 10.82 -16.11	140.94 10.80 -5.98	127.51 8.89 -1.61	115.91 7.07 -4.83
CALPINE_BETH_PAGE_GT_4 323586	120.61 6.66 -18.79	108.98 6.03 -14.30	104.16 5.90 -10.27	102.74 5.53 -14.76	108.33 6.11 -11.04	116.22 6.60 -17.99	141.23 6.25 -54.88	174.78 6.00 -96.47	155.76 7.10 -68.91	145.82 7.66 -45.89	139.49 10.20 -7.92	131.53 9.63 -4.48	128.31 8.95 -0.12	126.87 8.92 -0.45	122.89 9.41 0.00	134.12 10.64 -1.10	147.64 11.81 0.00	198.37 8.65 -96.68	176.31 9.56 -63.97	164.09 8.70 -60.81	149.94 10.83 -16.11	140.94 10.80 -5.98	127.50 8.89 -1.61	116.01 7.17 -4.83
CALPINE_BP_GT1 23823	120.61 6.66 -18.79	108.98 6.03 -14.30	104.16 5.90 -10.27	102.74 5.53 -14.76	108.33 6.11 -11.04	116.22 6.60 -17.99	141.23 6.25 -54.88	174.78 6.00 -96.47	155.76 7.10 -68.91	145.82 7.66 -45.89	139.49 10.20 -7.92	131.53 9.63 -4.48	128.31 8.95 -0.12	126.87 8.92 -0.45	122.89 9.41 0.00	134.12 10.64 -1.10	147.64 11.81 0.00	198.37 8.65 -96.68	176.31 9.56 -63.97	164.09 8.70 -60.81	149.94 10.83 -16.11	140.94 10.80 -5.98	127.50 8.89 -1.61	116.01 7.17 -4.83
CALSPAN___DRP 24200	85.87 -10.18 -0.88	78.67 -9.93 0.05	78.02 -10.38 -0.41	73.75 -9.32 -0.62	81.22 -10.12 -0.16	82.09 -9.53 0.01	72.48 -8.01 -0.39	65.02 -6.87 0.42	65.63 -7.90 6.23	72.04 -9.41 10.83	65.67 -13.11 42.59	65.79 -12.45 39.18	65.44 -12.76 41.05	63.52 -12.34 41.63	61.11 -12.37 40.00	66.76 -12.48 43.13	65.10 -14.94 55.79	77.19 -9.30 6.54	72.74 -9.97 20.07	65.38 -9.46 19.75	72.92 -12.91 37.17	73.28 -13.29 37.60	85.65 -11.82 19.53	93.54 -10.50 -0.04

CALVERTON___SOLAR 323806	122.52 8.57 -18.79	111.28 8.33 -14.30	106.53 8.27 -10.27	104.89 7.67 -14.76	110.70 8.48 -11.04	118.87 9.25 -17.99	142.98 8.01 -54.88	177.00 8.24 -96.45	158.07 9.41 -68.91	147.49 9.32 -45.89	142.40 13.11 -7.91	134.11 12.21 -4.48	129.96 10.61 -0.11	128.51 10.58 -0.45	125.50 12.02 0.00	137.42 13.95 -1.10	151.45 15.61 0.00	199.82 11.53 -95.26	179.80 13.05 -63.97	167.41 12.01 -60.81	153.87 14.75 -16.11	144.66 14.52 -5.98	130.78 12.17 -1.61	118.60 9.77 -4.82
CANDIGU_WT_PWR 323617	87.67 -7.52 -0.02	80.21 -7.10 1.35	81.20 -7.12 -0.34	76.05 -6.84 -0.43	84.17 -7.57 -0.55	85.78 -7.05 -1.20	56.73 -5.77 17.60	15.38 -4.70 52.23	8.87 -5.59 65.30	29.45 -6.73 56.10	25.42 -9.59 86.37	25.74 -9.51 82.17	25.67 -9.78 83.79	25.90 -9.63 81.95	26.36 -9.19 77.93	25.02 -9.67 87.69	-6.00 -10.46 131.38	36.57 -6.60 49.85	2.58 -7.09 93.10	-6.00 -6.71 93.87	-6.00 -9.23 119.77	42.40 -9.56 72.20	71.45 -8.78 36.77	97.00 -7.91 -0.90
CARR STREET_E_SYR 24060	94.30 -2.57 -1.71	87.38 -2.57 -1.30	86.25 -2.55 -0.82	81.18 -2.47 -1.20	88.88 -2.65 -0.34	89.36 -2.29 -0.02	82.49 -1.84 -4.23	79.25 -1.59 -8.53	82.56 -1.68 -4.48	94.44 -2.03 -4.19	119.30 -2.79 -0.71	115.13 -2.70 -0.41	116.38 -2.86 0.00	114.69 -2.82 -0.03	110.64 -2.83 0.00	119.44 -2.94 0.00	132.57 -3.26 0.00	96.70 -1.96 -5.63	104.64 -2.05 -3.92	97.77 -1.99 -5.18	121.52 -2.95 -1.47	121.48 -3.23 -0.55	113.85 -3.15 0.00	101.09 -3.02 -0.10
CARTHAGE___PAPER 23857	97.35 1.33 -0.85	90.54 1.24 -0.65	89.28 0.88 -0.41	83.71 0.66 -0.60	91.72 0.37 -0.17	92.46 0.82 -0.01	83.81 1.60 -2.11	78.26 1.88 -4.08	83.89 1.99 -2.14	96.31 2.03 -2.00	124.51 2.79 -0.34	119.84 2.23 -0.20	121.50 2.26 0.00	119.85 2.35 -0.01	115.52 2.04 0.00	125.31 2.93 0.00	139.09 3.25 0.00	98.61 2.89 -2.69	107.93 3.29 -1.87	99.99 2.94 -2.48	126.89 3.19 -0.70	127.40 2.98 -0.26	119.69 2.69 0.00	106.25 2.19 -0.05
CASSADAGA_WT_PWR 323784	86.56 -9.52 -0.91	79.28 -9.31 0.07	79.18 -9.24 -0.43	74.27 -8.82 -0.63	81.86 -9.49 -0.17	82.82 -8.80 0.01	73.99 -7.05 -0.94	67.69 -5.64 -1.02	68.30 -6.54 4.92	74.04 -7.94 10.30	65.73 -11.04 44.60	66.17 -10.33 40.92	65.70 -10.61 42.93	63.39 -10.46 43.64	60.97 -10.55 41.96	66.00 -11.26 45.12	65.46 -12.63 57.74	79.64 -7.53 5.85	75.55 -7.82 19.40	68.26 -7.28 19.04	75.49 -10.08 37.43	74.36 -10.30 39.49	87.71 -8.78 20.52	96.24 -7.80 -0.04
CE_DUNWOOD___DRP 24194	119.25 5.33 -18.75	107.53 4.61 -14.27	102.73 4.49 -10.25	101.48 4.29 -14.74	101.70 4.65 -5.87	101.28 5.04 -4.60	139.76 4.89 -54.78	173.48 4.77 -96.40	154.20 5.66 -68.78	144.54 6.46 -45.80	137.51 8.37 -7.76	129.99 8.10 -4.47	126.99 7.75 0.00	125.55 7.75 -0.31	121.19 7.72 0.00	130.58 8.20 0.00	145.34 9.51 0.00	167.99 6.88 -68.07	164.72 7.61 -54.35	159.13 7.00 -57.55	147.82 8.73 -16.08	138.70 8.57 -5.97	125.63 7.02 -1.61	114.54 6.03 -4.50
CE_MILLWOOD___DRP 24193	119.08 5.23 -18.68	107.39 4.52 -14.21	102.61 4.40 -10.22	101.26 4.12 -14.68	101.59 4.56 -5.85	101.17 4.95 -4.59	139.39 4.73 -54.57	172.96 4.63 -96.03	153.78 5.50 -68.52	144.18 6.28 -45.63	137.23 8.13 -7.73	129.74 7.87 -4.45	126.87 7.63 0.00	125.43 7.64 -0.30	120.97 7.49 0.00	130.45 8.08 0.00	145.07 9.24 0.00	167.54 6.70 -67.81	164.41 7.50 -54.14	158.72 6.81 -57.32	147.63 8.61 -16.02	138.55 8.44 -5.94	125.51 6.90 -1.61	114.42 5.93 -4.48
CE_NYC2_DRP 24202	119.29 5.33 -18.79	107.39 4.43 -14.30	102.40 4.14 -10.28	101.10 3.88 -14.77	101.26 4.19 -5.88	101.01 4.76 -4.61	139.72 4.73 -54.90	173.69 4.77 -96.61	154.51 5.82 -68.93	144.92 6.74 -45.91	139.08 8.74 -8.97	130.35 8.45 -4.48	128.32 8.11 -0.97	127.23 8.22 -1.52	121.42 7.94 0.00	130.58 8.20 0.00	145.07 9.24 0.00	167.95 6.70 -68.22	164.74 7.50 -54.46	159.06 6.81 -57.67	147.61 8.49 -16.12	138.46 8.32 -5.98	125.28 6.67 -1.62	117.13 5.93 -7.19
CE_NYC_DRP 24195	119.38 5.42 -18.79	107.48 4.52 -14.30	102.67 4.40 -10.28	101.43 4.21 -14.77	101.63 4.56 -5.88	101.19 4.95 -4.61	139.95 4.97 -54.89	173.83 4.92 -96.60	154.66 5.98 -68.92	145.01 6.83 -45.90	138.14 8.86 -7.90	130.47 8.57 -4.48	127.57 8.23 -0.10	126.27 8.34 -0.44	121.53 8.06 0.00	131.07 8.69 0.00	145.75 9.92 0.00	168.41 7.16 -68.22	165.25 8.02 -54.46	159.53 7.28 -57.67	148.22 9.10 -16.12	138.96 8.82 -5.98	125.75 7.14 -1.62	114.94 6.14 -4.80
CHAFFEE___LFGE 323603	86.56 -9.52 -0.92	79.37 -9.22 0.06	79.27 -9.15 -0.43	74.44 -8.66 -0.64	81.87 -9.49 -0.17	82.64 -8.98 0.01	73.70 -7.45 -1.05	67.38 -6.22 -1.29	68.04 -7.10 4.61	73.71 -8.58 9.99	65.39 -11.89 44.09	65.59 -11.39 40.44	65.23 -11.56 42.45	63.05 -11.28 43.16	60.74 -11.24 41.50	65.77 -11.99 44.62	65.24 -13.58 57.01	79.05 -8.37 5.61	74.99 -8.84 18.95	67.49 -8.51 18.58	74.50 -11.69 36.81	73.06 -12.04 39.06	86.06 -10.65 20.30	94.48 -9.57 -0.04
CHATEAUG_35_KV_LOAD 355732	95.74 0.57 0.00	89.72 1.06 0.00	89.13 1.14 0.00	83.44 0.99 0.00	92.09 0.91 0.00	92.09 0.46 0.00	80.18 0.08 0.00	72.60 0.29 0.00	79.68 -0.08 0.00	92.00 -0.28 0.00	120.77 -0.61 0.00	117.06 -0.35 0.00	119.24 0.00 0.00	116.90 -0.59 0.00	113.14 -0.34 0.00	121.89 -0.49 0.00	135.02 -0.82 0.00	91.82 -1.21 0.00	101.03 -1.75 0.00	92.97 -1.61 0.00	121.28 -1.72 0.00	122.42 -1.74 0.00	115.83 -1.17 0.00	103.80 -0.21 0.00
CHATEAUG_WT_PWR 323614	95.64 0.48 0.00	89.63 0.98 0.00	88.69 0.70 0.00	83.36 0.91 0.00	92.09 0.91 0.00	92.00 0.37 0.00	80.10 0.00 0.00	72.45 0.14 0.00	79.60 -0.16 0.00	91.91 -0.37 0.00	120.53 -0.84 0.00	116.95 -0.47 0.00	119.00 -0.24 0.00	116.90 -0.58 0.00	112.91 -0.56 0.00	121.65 -0.73 0.00	134.74 -1.09 0.00	91.73 -1.30 0.00	100.93 -1.85 0.00	92.88 -1.70 0.00	121.03 -1.97 0.00	122.30 -1.86 0.00	115.72 -1.28 0.00	103.70 -0.31 0.00
CHAT_HIGH_FALL_HYD 323578	95.74 0.57 0.00	89.72 1.06 0.00	89.13 1.14 0.00	83.44 0.99 0.00	92.09 0.91 0.00	92.09 0.46 0.00	80.18 0.08 0.00	72.60 0.29 0.00	79.68 -0.08 0.00	92.00 -0.28 0.00	120.77 -0.61 0.00	117.06 -0.35 0.00	119.24 0.00 0.00	116.90 -0.59 0.00	113.14 -0.34 0.00	121.89 -0.49 0.00	135.02 -0.82 0.00	91.82 -1.21 0.00	101.03 -1.75 0.00	92.97 -1.61 0.00	121.28 -1.72 0.00	122.42 -1.74 0.00	115.83 -1.17 0.00	103.80 -0.21 0.00
CHAUTAUQUA___LFGE 323629	86.06 -9.99 -0.89	78.66 -9.93 0.07	78.64 -9.77 -0.41	73.84 -9.23 -0.62	81.31 -10.03 -0.16	82.37 -9.25 0.01	72.98 -7.53 -0.41	65.51 -6.44 0.36	66.10 -7.41 6.24	72.30 -8.95 11.03	65.39 -12.38 43.61	65.58 -11.74 40.10	65.19 -12.04 42.01	63.12 -11.75 42.62	60.72 -11.80 40.95	65.63 -12.60 44.15	64.68 -14.13 57.03	77.75 -8.65 6.63	73.23 -9.15 20.40	65.91 -8.61 20.06	73.31 -11.81 37.88	73.49 -12.16 38.51	86.47 -10.53 20.00	94.68 -9.36 -0.04
CHERRYST_13_KV_LD 356241	119.67 5.71 -18.79	107.74 4.79 -14.30	102.93 4.66 -10.28	101.59 4.37 -14.77	101.90 4.83 -5.88	101.47 5.22 -4.61	140.19 5.21 -54.89	174.04 5.13 -96.60	154.90 6.22 -68.92	145.38 7.20 -45.90	138.62 9.35 -7.90	130.94 9.04 -4.48	128.05 8.70 -0.10	126.62 8.69 -0.44	121.99 8.51 0.00	131.43 9.06 0.00	146.16 10.32 0.00	168.69 7.44 -68.22	165.56 8.32 -54.46	159.82 7.57 -57.67	148.59 9.47 -16.12	139.33 9.19 -5.98	126.10 7.49 -1.62	115.25 6.45 -4.80

CHESTROR_138KV_BK263 355645	116.92 4.28 -17.47	105.76 3.81 -13.29	101.14 3.61 -9.54	99.63 3.46 -13.72	100.47 3.83 -5.46	100.02 4.12 -4.26	135.07 4.00 -50.97	165.99 3.90 -89.77	148.32 4.55 -64.02	140.02 5.08 -42.67	135.15 6.55 -7.23	127.92 6.34 -4.17	125.20 5.96 0.00	123.88 6.11 -0.29	119.49 6.01 0.00	128.86 6.49 0.00	143.44 7.61 0.00	162.01 5.58 -63.40	159.65 6.27 -50.61	153.95 5.77 -53.60	145.12 7.13 -14.98	136.67 6.95 -5.56	124.22 5.73 -1.49	113.17 4.99 -4.17
CH_MIDHUDSON___DRP 24192	119.87 5.61 -19.09	108.15 4.96 -14.53	103.32 4.84 -10.49	102.14 4.62 -15.07	102.35 5.11 -6.07	101.92 5.41 -4.88	141.42 5.21 -56.12	175.51 4.92 -98.28	155.91 5.74 -70.41	145.37 6.46 -46.64	137.40 8.13 -7.90	129.95 7.98 -4.55	126.87 7.63 0.00	125.44 7.64 -0.31	121.08 7.60 0.00	130.58 8.20 0.00	145.48 9.64 0.00	169.50 7.07 -69.40	166.07 7.81 -55.49	160.37 7.19 -58.60	148.35 8.98 -16.38	139.05 8.82 -6.07	126.08 7.37 -1.71	115.18 6.45 -4.72
CH_MISC_IPPS 23765	119.73 5.81 -18.76	108.16 5.23 -14.28	103.30 5.01 -10.30	102.03 4.78 -14.79	102.41 5.29 -5.94	101.97 5.59 -4.75	140.62 5.45 -55.07	174.07 5.21 -96.55	154.85 5.98 -69.11	144.76 6.65 -45.83	137.50 8.37 -7.76	129.99 8.10 -4.47	126.99 7.75 0.00	125.55 7.75 -0.31	121.20 7.72 0.00	130.94 8.56 0.00	145.88 10.05 0.00	168.55 7.35 -68.18	165.49 8.22 -54.49	159.74 7.57 -57.59	148.56 9.47 -16.09	139.32 9.19 -5.97	126.39 7.72 -1.66	115.37 6.76 -4.61
CH_RES_BVR_FALLS 23983	93.92 -1.24 0.00	87.68 -0.97 0.00	86.94 -1.05 0.00	81.55 -0.91 0.00	90.09 -1.09 0.00	90.26 -1.37 0.00	78.81 -1.28 0.00	71.15 -1.16 0.00	78.32 -1.43 0.00	90.62 -1.66 0.00	119.19 -2.18 0.00	115.42 -2.00 0.00	117.46 -1.79 0.00	115.60 -1.88 0.00	112.00 -1.48 0.00	120.91 -1.46 0.00	134.21 -1.62 0.00	91.63 -1.39 0.00	101.12 -1.65 0.00	92.97 -1.61 0.00	120.91 -2.09 0.00	122.17 -1.99 0.00	115.48 -1.52 0.00	102.97 -1.04 0.00
CH_RES_NIAGARA 23895	82.78 -13.32 -0.94	75.08 -13.65 -0.08	74.53 -13.90 -0.44	70.99 -12.12 -0.65	78.32 -13.04 -0.18	79.44 -12.19 0.01	71.80 -9.77 -1.48	65.22 -9.47 -2.38	66.15 -10.85 2.76	71.96 -12.64 7.68	66.90 -17.48 37.00	66.70 -16.79 33.92	66.64 -16.93 35.67	64.62 -16.57 36.30	62.22 -16.34 34.92	68.12 -16.77 37.49	67.61 -20.51 47.72	76.24 -13.02 3.76	73.68 -14.18 14.91	66.42 -13.62 14.54	74.50 -18.20 30.30	72.94 -18.38 32.85	83.06 -16.85 17.09	88.76 -15.29 -0.04
CH_RES_SYRACUSE 23985	95.36 -1.71 -1.91	88.33 -1.77 -1.45	87.15 -1.76 -0.92	82.06 -1.74 -1.34	89.65 -1.92 -0.39	90.09 -1.56 -0.02	83.71 -1.12 -4.73	80.88 -0.94 -9.51	83.72 -1.04 -5.00	95.57 -1.38 -4.67	120.35 -1.82 -0.79	115.99 -1.88 -0.46	117.33 -1.91 0.00	115.63 -1.93 -0.03	111.55 -2.08 0.00	120.30 -2.18 0.00	133.65 -2.18 0.00	98.19 -1.11 -6.28	106.01 -1.13 -4.37	99.23 -1.13 -5.78	122.80 -1.84 -1.64	122.66 -2.11 -0.61	114.90 -2.10 0.00	102.05 -2.08 -0.12
CLINTON_WT_PWR 323605	95.64 0.48 0.00	89.63 0.98 0.00	88.69 0.70 0.00	83.36 0.91 0.00	92.09 0.91 0.00	92.00 0.37 0.00	80.10 0.00 0.00	72.45 0.14 0.00	79.60 -0.16 0.00	91.91 -0.37 0.00	120.53 -0.84 0.00	116.95 -0.47 0.00	119.00 -0.24 0.00	116.90 -0.58 0.00	112.91 -0.56 0.00	121.65 -0.73 0.00	134.74 -1.09 0.00	91.73 -1.30 0.00	100.93 -1.85 0.00	92.88 -1.70 0.00	121.03 -1.97 0.00	122.30 -1.86 0.00	115.72 -1.28 0.00	103.70 -0.31 0.00
CLINTON___LFGE 323618	97.07 1.90 0.00	90.95 2.30 0.00	89.92 1.93 0.00	84.59 2.14 0.00	93.46 2.28 0.00	93.56 1.93 0.00	81.46 1.36 0.00	73.68 1.37 0.00	80.87 1.12 0.00	93.11 0.83 0.00	121.86 0.49 0.00	118.24 0.83 0.00	120.31 1.07 0.00	117.96 0.47 0.00	114.05 0.57 0.00	122.99 0.61 0.00	136.38 0.55 0.00	92.93 -0.09 0.00	102.16 -0.61 0.00	94.02 -0.56 0.00	122.39 -0.61 0.00	123.55 -0.62 0.00	116.88 -0.12 0.00	105.15 1.15 0.00
COBBLENY_34_KV_TB1 80064	86.56 -9.52 -0.92	79.38 -9.22 0.06	78.83 -9.59 -0.43	74.43 -8.66 -0.64	81.87 -9.48 -0.17	82.64 -8.98 0.01	73.70 -7.45 -1.05	67.37 -6.22 -1.28	68.03 -7.10 4.62	73.70 -8.58 10.00	65.39 -11.89 44.09	65.58 -11.39 40.44	65.23 -11.57 42.45	63.05 -11.28 43.16	60.74 -11.23 41.50	66.38 -11.38 44.62	65.24 -13.58 57.01	79.13 -8.28 5.61	74.99 -8.84 18.95	67.48 -8.51 18.59	74.50 -11.68 36.82	73.05 -12.04 39.07	86.06 -10.65 20.30	94.48 -9.57 -0.04
COFFEEN___115KV_TB3 355620	98.42 2.28 -0.97	91.52 2.13 -0.74	90.22 1.76 -0.47	84.46 1.32 -0.68	92.47 1.09 -0.20	93.38 1.74 -0.01	85.15 2.64 -2.41	80.18 3.04 -4.84	85.57 3.27 -2.54	97.98 3.32 -2.38	126.27 4.49 -0.40	121.52 3.87 -0.23	123.06 3.82 0.00	121.50 3.99 -0.02	116.99 3.52 0.00	127.27 4.90 0.00	141.27 5.43 0.00	100.97 4.74 -3.19	110.44 5.45 -2.22	102.34 4.82 -2.94	129.37 5.53 -0.83	129.56 5.09 -0.31	121.56 4.56 0.00	107.71 3.64 -0.06
COLDSPRG_115KV_BK1 355956	89.26 -6.85 -0.95	82.29 -6.29 0.07	81.84 -6.60 -0.45	76.85 -6.27 -0.66	84.43 -6.93 -0.17	84.93 -6.69 0.01	76.60 -5.29 -1.79	72.23 -3.25 -3.18	73.08 -3.83 2.85	78.23 -4.89 9.15	68.29 -6.92 46.16	68.74 -6.46 42.21	68.18 -6.68 44.38	65.65 -6.58 45.26	63.12 -6.81 43.55	68.98 -6.73 46.66	68.95 -8.01 58.87	83.94 -4.47 4.63	80.42 -4.52 17.83	72.80 -4.35 17.43	79.89 -6.40 36.71	76.40 -6.70 41.06	90.17 -5.50 21.33	99.16 -4.89 -0.04
COLONIE_LFGE___ 323577	123.75 5.33 -23.26	111.23 4.87 -17.70	115.16 4.84 -22.33	117.14 4.53 -30.16	119.45 5.01 -23.25	136.54 5.13 -39.78	216.06 4.64 -131.32	220.08 4.12 -143.65	239.93 4.70 -155.47	154.54 5.44 -56.81	138.03 7.04 -9.62	129.77 6.81 -5.55	126.03 6.79 0.00	124.68 6.81 -0.38	120.06 6.58 -0.01	129.35 6.97 0.00	143.71 7.88 0.00	199.54 5.68 -100.84	205.44 6.27 -96.40	174.03 5.77 -73.67	150.33 7.38 -19.95	138.89 7.32 -7.40	138.04 6.67 -14.38	141.11 5.82 -31.28
COOPERNY_115KV_TB1 80082	112.44 3.05 -14.23	102.14 2.66 -10.83	98.33 2.55 -7.78	96.03 2.39 -11.18	98.29 2.64 -4.46	97.98 2.84 -3.51	124.56 2.88 -41.58	148.27 2.82 -73.14	135.35 3.35 -52.25	130.81 3.78 -34.75	132.11 4.86 -5.88	125.39 4.58 -3.39	123.65 4.41 0.00	122.18 4.46 -0.23	117.79 4.31 0.00	127.15 4.77 0.00	141.40 5.57 0.00	148.88 4.19 -51.67	148.67 4.62 -41.27	142.50 4.26 -43.66	140.49 5.29 -12.20	133.78 5.09 -4.53	122.44 4.21 -1.23	111.07 3.64 -3.42
COPENHAGEN_WT_PWR 323753	97.40 1.23 -1.01	90.49 1.07 -0.77	89.26 0.79 -0.48	83.66 0.50 -0.71	91.57 0.18 -0.20	92.37 0.73 -0.01	84.19 1.60 -2.49	79.16 1.95 -4.89	84.48 2.15 -2.57	96.81 2.12 -2.40	124.69 2.91 -0.41	120.00 2.35 -0.23	121.62 2.38 0.00	119.98 2.47 -0.02	115.63 2.15 0.00	125.44 3.06 0.00	139.36 3.53 0.00	99.42 3.16 -3.23	108.71 3.69 -2.25	100.77 3.22 -2.97	127.41 3.57 -0.84	127.58 3.11 -0.31	119.80 2.80 0.00	106.26 2.19 -0.06
CORNELL_____ 23752	110.13 0.29 -14.68	103.37 0.09 -14.63	95.39 -0.09 -7.48	93.20 -0.08 -10.83	94.78 -0.09 -3.69	93.69 0.46 -1.60	102.43 0.88 -21.45	100.83 1.08 -27.44	104.48 1.12 -23.61	141.36 1.02 -48.06	331.42 1.21 -208.83	303.13 0.94 -184.78	311.82 0.83 -191.75	317.79 0.82 -199.48	306.72 0.68 -192.56	325.53 1.10 -202.05	370.23 1.49 -232.90	147.83 1.58 -53.22	184.57 1.95 -79.85	172.15 1.61 -75.96	248.73 1.60 -124.13	314.30 1.24 -188.89	213.39 0.94 -95.45	106.56 0.52 -2.03

CORONA V_69_KV_TB1 355595	120.71 6.76 -18.79	108.89 5.94 -14.30	104.25 5.98 -10.27	102.82 5.61 -14.76	108.42 6.20 -11.03	116.12 6.51 -17.98	140.98 6.01 -54.88	174.85 5.78 -96.76	155.52 6.86 -68.91	145.64 7.47 -45.89	139.13 9.83 -7.92	131.29 9.39 -4.48	128.31 8.94 -0.12	126.76 8.81 -0.46	122.55 9.08 0.00	133.62 10.16 -1.09	147.24 11.41 0.00	208.71 8.47 -107.22	176.19 9.46 -63.97	163.99 8.61 -60.80	149.69 10.58 -16.11	140.69 10.55 -5.98	127.39 8.77 -1.61	116.03 7.18 -4.84
CORTLAND_115KV_TB3 80093	101.18 -0.19 -6.21	93.95 -0.35 -5.65	90.54 -0.44 -2.99	86.33 -0.49 -4.37	91.91 -0.55 -1.28	91.62 -0.09 -0.08	91.23 0.32 -10.81	91.52 0.51 -18.70	94.73 0.64 -14.34	111.57 0.55 -18.73	179.37 0.61 -57.38	168.40 0.47 -50.51	171.44 0.36 -51.84	171.79 0.35 -53.95	165.74 0.23 -52.03	177.50 0.49 -54.63	199.34 0.68 -62.82	116.68 0.84 -22.81	132.32 1.13 -28.42	123.20 0.85 -27.77	159.43 0.74 -35.69	176.05 0.37 -51.51	142.65 0.12 -25.53	104.41 0.00 -0.40
COXSACKIE__GT 23611	123.54 6.47 -21.90	111.43 6.11 -16.66	108.78 5.90 -14.89	108.79 5.53 -20.81	109.17 6.29 -11.70	113.67 6.32 -15.71	168.98 5.69 -83.19	197.17 4.99 -119.87	186.43 5.11 -101.56	150.47 4.70 -53.49	135.90 5.47 -9.06	128.04 5.40 -5.22	125.44 6.20 0.00	123.37 5.52 -0.36	119.38 5.90 -0.01	129.10 6.73 0.00	144.66 8.82 0.00	183.16 5.68 -84.45	181.27 6.27 -72.23	168.44 5.96 -67.89	149.04 7.26 -18.78	138.20 7.07 -6.97	129.89 7.26 -5.64	124.34 7.28 -13.05
CPV_VALLEY__CC1 323721	114.89 3.42 -16.31	104.08 3.02 -12.41	99.79 2.90 -8.90	97.97 2.72 -12.80	99.27 3.00 -5.08	98.88 3.29 -3.95	130.92 3.29 -47.54	159.36 3.26 -83.80	143.31 3.83 -59.73	136.45 4.34 -39.83	133.71 5.59 -6.75	126.71 5.40 -3.89	124.36 5.12 0.00	122.92 5.16 -0.27	118.59 5.11 0.00	127.89 5.51 0.00	142.22 6.39 0.00	156.95 4.74 -59.18	155.24 5.24 -47.23	149.45 4.82 -50.04	143.01 6.03 -13.99	135.19 5.84 -5.19	123.07 4.68 -1.38	111.93 4.05 -3.87
CPV_VALLEY__CC2 323722	114.89 3.42 -16.31	104.08 3.02 -12.41	99.79 2.90 -8.90	97.97 2.72 -12.80	99.27 3.00 -5.08	98.88 3.29 -3.95	130.92 3.29 -47.54	159.36 3.26 -83.80	143.31 3.83 -59.73	136.45 4.34 -39.83	133.71 5.59 -6.75	126.71 5.40 -3.89	124.36 5.12 0.00	122.92 5.16 -0.27	118.59 5.11 0.00	127.89 5.51 0.00	142.22 6.39 0.00	156.95 4.74 -59.18	155.24 5.24 -47.23	149.45 4.82 -50.04	143.01 6.03 -13.99	135.19 5.84 -5.19	123.07 4.68 -1.38	111.93 4.05 -3.87
CRESCENT__HYD 24018	123.75 5.33 -23.26	111.23 4.87 -17.70	115.16 4.84 -22.33	117.14 4.53 -30.16	119.45 5.01 -23.25	136.54 5.13 -39.78	216.06 4.64 -131.32	220.08 4.12 -143.65	239.93 4.70 -155.47	154.54 5.44 -56.81	138.03 7.04 -9.62	129.77 6.81 -5.55	126.03 6.79 0.00	124.68 6.81 -0.38	120.06 6.58 -0.01	129.35 6.97 0.00	143.71 7.88 0.00	199.54 5.68 -100.84	205.44 6.27 -96.40	174.03 5.77 -73.67	150.33 7.38 -19.95	138.89 7.32 -7.40	138.04 6.67 -14.38	141.11 5.82 -31.28
CRICKET__VALLEY_CC1 323756	120.05 5.14 -19.75	108.29 4.61 -15.03	103.50 4.49 -11.02	102.45 4.20 -15.79	102.38 4.65 -6.55	102.11 4.85 -5.63	143.88 4.64 -59.14	178.73 4.34 -102.08	158.90 5.11 -74.04	146.34 5.82 -48.24	137.20 7.65 -8.17	129.53 7.40 -4.71	126.39 7.15 0.00	125.10 7.29 -0.32	120.64 7.15 -0.01	129.97 7.59 0.00	144.40 8.56 0.00	171.33 6.23 -72.07	167.55 6.89 -57.89	161.58 6.34 -60.66	147.93 7.99 -16.94	138.27 7.83 -6.28	125.65 6.67 -1.98	115.15 5.82 -5.32
CRICKET__VALLEY_CC2 323757	120.05 5.14 -19.75	108.29 4.61 -15.03	103.50 4.49 -11.02	102.45 4.20 -15.79	102.38 4.65 -6.55	102.11 4.85 -5.63	143.88 4.64 -59.14	178.73 4.34 -102.08	158.90 5.11 -74.04	146.34 5.82 -48.24	137.20 7.65 -8.17	129.53 7.40 -4.71	126.39 7.15 0.00	125.10 7.29 -0.32	120.64 7.15 -0.01	129.97 7.59 0.00	144.40 8.56 0.00	171.33 6.23 -72.07	167.55 6.89 -57.89	161.58 6.34 -60.66	147.93 7.99 -16.94	138.27 7.83 -6.28	125.65 6.67 -1.98	115.15 5.82 -5.32
CRICKET__VALLEY_CC3 323758	120.05 5.14 -19.75	108.29 4.61 -15.03	103.50 4.49 -11.02	102.45 4.20 -15.79	102.38 4.65 -6.55	102.11 4.85 -5.63	143.88 4.64 -59.14	178.73 4.34 -102.08	158.90 5.11 -74.04	146.34 5.82 -48.24	137.20 7.65 -8.17	129.53 7.40 -4.71	126.39 7.15 0.00	125.10 7.29 -0.32	120.64 7.15 -0.01	129.97 7.59 0.00	144.40 8.56 0.00	171.33 6.23 -72.07	167.55 6.89 -57.89	161.58 6.34 -60.66	147.93 7.99 -16.94	138.27 7.83 -6.28	125.65 6.67 -1.98	115.15 5.82 -5.32
CRUCIBLE_METL_DRP 24180	95.36 -1.71 -1.91	88.33 -1.77 -1.45	86.97 -1.94 -0.92	82.06 -1.73 -1.34	89.65 -1.91 -0.39	90.09 -1.56 -0.02	83.71 -1.12 -4.73	80.85 -0.94 -9.48	83.71 -1.04 -4.99	95.55 -1.38 -4.66	120.34 -1.82 -0.79	115.99 -1.88 -0.45	117.33 -1.91 0.00	115.64 -1.88 -0.03	111.55 -1.93 0.00	120.42 -1.96 0.00	133.66 -2.17 0.00	98.17 -1.12 -6.26	106.00 -1.13 -4.36	99.21 -1.13 -5.76	122.79 -1.84 -1.64	122.66 -2.11 -0.61	114.89 -2.11 0.00	102.04 -2.08 -0.12
DAHOWA__HYDRO 323763	126.10 7.33 -23.61	113.35 6.73 -17.97	119.00 6.68 -24.32	121.46 6.35 -32.66	124.56 7.02 -26.36	144.94 7.06 -46.25	230.80 6.49 -144.22	228.27 6.00 -149.96	256.22 6.62 -169.85	157.34 7.39 -57.67	140.73 9.59 -9.77	131.97 8.92 -5.63	128.06 8.82 0.00	126.80 8.92 -0.39	122.34 8.86 -0.01	132.04 9.67 0.00	147.10 11.27 0.00	206.28 8.09 -105.16	214.51 8.94 -102.80	177.98 8.22 -75.18	153.70 10.45 -20.25	142.11 10.43 -7.51	142.97 9.24 -16.72	148.20 8.01 -36.18
DANC__LFGE 323619	95.88 -0.47 -1.19	89.03 -0.53 -0.90	87.77 -0.79 -0.57	82.38 -0.91 -0.83	90.15 -1.28 -0.24	90.82 -0.83 -0.01	83.04 0.00 -2.94	78.43 0.29 -5.83	83.14 0.32 -3.07	95.24 0.09 -2.87	122.10 0.24 -0.49	117.58 -0.12 -0.28	119.12 -0.12 0.00	117.51 0.00 -0.02	113.36 -0.11 0.00	122.62 0.25 0.00	136.24 0.41 0.00	97.71 0.84 -3.85	106.59 1.13 -2.68	98.97 0.85 -3.54	124.62 0.62 -1.01	124.79 0.25 -0.37	117.12 0.12 0.00	104.08 0.00 -0.07
DANSKAMMER__1 23586	119.73 5.81 -18.76	108.16 5.23 -14.28	103.30 5.01 -10.30	102.03 4.78 -14.79	102.41 5.29 -5.94	101.97 5.59 -4.75	140.62 5.45 -55.07	174.07 5.21 -96.55	154.85 5.98 -69.11	144.76 6.65 -45.83	137.50 8.37 -7.76	129.99 8.10 -4.47	126.99 7.75 0.00	125.55 7.75 -0.31	121.20 7.72 0.00	130.94 8.56 0.00	145.88 10.05 0.00	168.55 7.35 -68.18	165.49 8.22 -54.49	159.74 7.57 -57.59	148.56 9.47 -16.09	139.32 9.19 -5.97	126.39 7.72 -1.66	115.37 6.76 -4.61
DANSKAMMER__2 23589	119.73 5.81 -18.76	108.16 5.23 -14.28	103.30 5.01 -10.30	102.03 4.78 -14.79	102.41 5.29 -5.94	101.97 5.59 -4.75	140.62 5.45 -55.07	174.07 5.21 -96.55	154.85 5.98 -69.11	144.76 6.65 -45.83	137.50 8.37 -7.76	129.99 8.10 -4.47	126.99 7.75 0.00	125.55 7.75 -0.31	121.20 7.72 0.00	130.94 8.56 0.00	145.88 10.05 0.00	168.55 7.35 -68.18	165.49 8.22 -54.49	159.74 7.57 -57.59	148.56 9.47 -16.09	139.32 9.19 -5.97	126.39 7.72 -1.66	115.37 6.76 -4.61
DANSKAMMER__3 23590	119.73 5.81 -18.76	108.16 5.23 -14.28	103.30 5.01 -10.30	102.03 4.78 -14.79	102.41 5.29 -5.94	101.97 5.59 -4.75	140.62 5.45 -55.07	174.07 5.21 -96.55	154.85 5.98 -69.11	144.76 6.65 -45.83	137.50 8.37 -7.76	129.99 8.10 -4.47	126.99 7.75 0.00	125.55 7.75 -0.31	121.20 7.72 0.00	130.94 8.56 0.00	145.88 10.05 0.00	168.55 7.35 -68.18	165.49 8.22 -54.49	159.74 7.57 -57.59	148.56 9.47 -16.09	139.32 9.19 -5.97	126.39 7.72 -1.66	115.37 6.76 -4.61

DANSKAMMER___4 23591	119.73 5.81 -18.76	108.16 5.23 -14.28	103.30 5.01 -10.30	102.03 4.78 -14.79	102.41 5.29 -5.94	101.97 5.59 -4.75	140.62 5.45 -55.07	174.07 5.21 -96.55	154.85 5.98 -69.11	144.76 6.65 -45.83	137.50 8.37 -7.76	129.99 8.10 -4.47	126.99 7.75 0.00	125.55 7.75 -0.31	121.20 7.72 0.00	130.94 8.56 0.00	145.88 10.05 0.00	168.55 7.35 -68.18	165.49 8.22 -54.49	159.74 7.57 -57.59	148.56 9.47 -16.09	139.32 9.19 -5.97	126.39 7.72 -1.66	115.37 6.76 -4.61
DANSKAMMER___DIESEL 23592	119.73 5.81 -18.76	108.16 5.23 -14.28	103.22 4.93 -10.30	102.03 4.78 -14.79	102.41 5.29 -5.94	101.97 5.59 -4.75	140.61 5.45 -55.07	174.06 5.21 -96.55	154.85 5.98 -69.11	144.75 6.64 -45.83	137.51 8.37 -7.76	129.99 8.10 -4.47	126.99 7.75 0.00	125.55 7.75 -0.31	121.19 7.72 0.00	130.82 8.44 0.00	146.02 10.19 0.00	168.55 7.35 -68.18	165.49 8.22 -54.49	159.73 7.57 -57.59	148.56 9.47 -16.09	139.32 9.19 -5.97	126.39 7.72 -1.66	115.38 6.76 -4.61
DARBY___SOLAR 323810	125.49 6.76 -23.56	112.79 6.20 -17.93	118.23 6.16 -24.09	120.67 5.85 -32.36	123.65 6.47 -25.99	143.63 6.51 -45.49	228.79 6.01 -142.68	226.99 5.49 -149.18	254.03 6.14 -168.14	156.66 6.83 -57.55	139.98 8.86 -9.75	131.25 8.22 -5.62	127.35 8.11 0.00	126.09 8.22 -0.38	121.66 8.18 -0.01	131.31 8.93 0.00	146.29 10.46 0.00	205.19 7.53 -104.63	213.13 8.32 -102.03	177.13 7.57 -74.98	152.92 9.71 -20.21	141.35 9.69 -7.50	141.98 8.54 -16.45	147.00 7.39 -35.60
DASHVILLE___HYD 23610	118.21 3.71 -19.34	106.56 3.19 -14.71	102.17 2.99 -11.19	101.30 2.89 -15.96	101.54 3.28 -7.08	102.05 3.48 -6.93	144.25 3.60 -60.54	176.71 3.47 -100.93	159.23 4.07 -75.41	143.84 4.34 -47.23	134.83 5.46 -8.00	127.31 5.28 -4.61	124.96 5.72 0.00	123.21 5.40 -0.32	119.26 5.79 0.00	128.74 6.36 0.00	143.71 7.88 0.00	169.38 5.12 -71.24	166.42 5.76 -57.89	159.36 5.30 -59.48	146.10 6.52 -16.58	136.52 6.21 -6.15	124.49 5.03 -2.46	114.66 4.37 -6.29
DEERFIELD_69_KV_DEERFIELD LD 355887	124.23 10.28 -18.79	112.70 9.75 -14.30	108.12 9.85 -10.27	106.37 9.15 -14.76	112.43 10.21 -11.03	120.52 10.90 -17.98	144.67 9.69 -54.88	178.45 9.69 -96.45	159.75 11.09 -68.91	149.15 10.98 -45.89	144.46 15.17 -7.91	136.22 14.32 -4.48	131.99 12.64 -0.11	130.39 12.45 -0.45	127.66 14.18 0.00	139.62 16.15 -1.09	154.31 18.47 0.00	201.77 13.49 -95.25	182.05 15.31 -63.97	169.48 14.09 -60.80	156.46 17.34 -16.11	147.27 17.13 -5.98	133.01 14.39 -1.61	120.47 11.65 -4.82
DELAWARE___LFGE 323621	105.96 2.66 -8.13	97.32 2.48 -6.18	96.11 2.38 -5.74	92.59 2.14 -7.99	98.26 2.37 -4.71	100.81 2.57 -6.61	115.14 2.72 -32.32	120.02 2.68 -45.03	123.64 3.03 -40.86	115.54 3.41 -19.85	129.14 4.37 -3.39	123.49 4.11 -1.97	123.21 3.93 -0.03	121.65 3.99 -0.16	117.25 3.74 -0.03	126.69 4.28 -0.03	140.91 5.03 -0.05	129.21 3.81 -32.37	135.71 4.32 -28.63	123.83 3.88 -25.37	134.81 4.80 -7.01	131.37 4.59 -2.61	123.37 3.98 -2.39	112.76 3.33 -5.43
DERFIELD_115KV_TB7 355931	95.74 0.57 0.00	89.19 0.53 0.00	88.43 0.44 0.00	82.87 0.41 0.00	91.64 0.46 0.00	92.18 0.55 0.00	80.66 0.56 0.00	72.82 0.51 0.00	80.39 0.64 0.00	92.93 0.65 0.00	122.35 0.97 0.00	118.24 0.82 0.00	120.08 0.83 0.00	118.31 0.82 0.00	114.27 0.79 0.00	123.23 0.86 0.00	136.92 1.09 0.00	93.86 0.84 0.00	103.70 0.92 0.00	95.43 0.85 0.00	123.98 0.98 0.00	125.16 0.99 0.00	117.82 0.82 0.00	104.74 0.73 0.00
DOGLEVILLE___HYD 23807	102.87 7.70 0.00	95.31 6.65 0.00	94.59 6.60 0.00	88.97 6.51 0.00	98.84 7.66 0.00	100.06 8.42 0.00	87.86 7.77 0.00	79.18 6.87 0.00	86.78 7.02 0.00	99.67 7.39 0.00	130.60 9.22 0.00	125.88 8.46 0.00	127.23 7.99 0.00	125.24 7.75 0.00	120.85 7.37 0.00	130.09 7.71 0.00	144.66 8.82 0.00	99.44 6.41 0.00	110.18 7.40 0.00	101.39 6.81 0.00	131.48 8.48 0.00	132.48 8.32 0.00	125.19 8.19 0.00	111.08 7.08 0.00
DUNKIRK___115KV_TB_200 55889	86.06 -9.99 -0.88	78.65 -9.93 0.07	78.11 -10.29 -0.41	73.83 -9.23 -0.62	81.41 -9.94 -0.16	82.37 -9.26 0.01	72.85 -7.61 -0.36	65.29 -6.51 0.51	65.88 -7.50 6.37	72.13 -9.04 11.11	65.36 -12.50 43.51	65.54 -11.86 40.02	65.15 -12.16 41.93	63.10 -11.87 42.52	60.71 -11.92 40.86	66.33 -11.99 44.06	64.61 -14.26 56.96	77.57 -8.74 6.71	73.03 -9.25 20.50	65.71 -8.70 20.17	73.01 -12.05 37.93	73.46 -12.29 38.41	86.40 -10.65 19.95	94.47 -9.57 -0.04
DUNKIRK___1 23563	86.06 -9.99 -0.88	78.65 -9.93 0.07	78.11 -10.29 -0.41	73.83 -9.23 -0.62	81.41 -9.94 -0.16	82.37 -9.26 0.01	72.85 -7.61 -0.36	65.29 -6.51 0.51	65.88 -7.50 6.37	72.13 -9.04 11.11	65.36 -12.50 43.51	65.54 -11.86 40.02	65.15 -12.16 41.93	63.10 -11.87 42.52	60.71 -11.92 40.86	66.33 -11.99 44.06	64.61 -14.26 56.96	77.57 -8.74 6.71	73.03 -9.25 20.50	65.71 -8.70 20.17	73.01 -12.05 37.93	73.46 -12.29 38.41	86.40 -10.65 19.95	94.47 -9.57 -0.04
DUNKIRK___2 23564	86.06 -9.99 -0.88	78.65 -9.93 0.07	78.11 -10.29 -0.41	73.83 -9.23 -0.62	81.41 -9.94 -0.16	82.37 -9.26 0.01	72.85 -7.61 -0.36	65.29 -6.51 0.51	65.88 -7.50 6.37	72.13 -9.04 11.11	65.36 -12.50 43.51	65.54 -11.86 40.02	65.15 -12.16 41.93	63.10 -11.87 42.52	60.71 -11.92 40.86	66.33 -11.99 44.06	64.61 -14.26 56.96	77.57 -8.74 6.71	73.03 -9.25 20.50	65.71 -8.70 20.17	73.01 -12.05 37.93	73.46 -12.29 38.41	86.40 -10.65 19.95	94.47 -9.57 -0.04
DUNKIRK___3 23565	85.95 -10.09 -0.87	78.65 -9.93 0.07	78.10 -10.29 -0.41	73.82 -9.23 -0.61	81.22 -10.12 -0.16	82.18 -9.44 0.01	72.37 -7.77 -0.04	64.32 -6.65 1.34	64.92 -7.66 7.18	71.54 -9.14 11.60	65.46 -12.74 43.17	65.57 -12.09 39.75	65.35 -12.28 41.61	63.35 -11.98 42.15	60.96 -12.03 40.49	66.42 -12.24 43.72	64.46 -14.53 56.84	76.88 -8.93 7.21	72.14 -9.46 21.18	64.72 -8.99 20.88	72.19 -12.42 38.39	73.46 -12.66 38.04	86.12 -11.12 19.76	94.16 -9.88 -0.03
DUNKIRK___4 23566	85.95 -10.09 -0.87	78.65 -9.93 0.07	78.10 -10.29 -0.41	73.82 -9.23 -0.61	81.22 -10.12 -0.16	82.18 -9.44 0.01	72.37 -7.77 -0.04	64.32 -6.65 1.34	64.92 -7.66 7.18	71.54 -9.14 11.60	65.46 -12.74 43.17	65.57 -12.09 39.75	65.35 -12.28 41.61	63.35 -11.98 42.15	60.96 -12.03 40.49	66.42 -12.24 43.72	64.46 -14.53 56.84	76.88 -8.93 7.21	72.14 -9.46 21.18	64.72 -8.99 20.88	72.19 -12.42 38.39	73.46 -12.66 38.04	86.12 -11.12 19.76	94.16 -9.88 -0.03
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	119.48 5.52 -18.79	107.65 4.70 -14.30	102.84 4.58 -10.28	101.59 4.37 -14.77	101.90 4.83 -5.88	101.38 5.13 -4.61	139.96 4.97 -54.89	173.76 4.84 -96.60	154.50 5.82 -68.93	144.83 6.64 -45.90	137.96 8.62 -7.97	130.23 8.34 -4.48	127.39 7.99 -0.16	125.98 7.99 -0.51	121.42 7.94 0.00	130.82 8.44 0.00	145.61 9.78 0.00	168.32 7.07 -68.22	165.05 7.81 -54.46	159.44 7.19 -57.67	148.10 8.98 -16.12	138.96 8.82 -5.98	125.87 7.25 -1.62	115.20 6.24 -4.95
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	118.31 4.95 -18.20	106.85 4.34 -13.85	102.20 4.22 -9.99	100.76 3.96 -14.34	101.41 4.47 -5.76	100.99 4.76 -4.59	138.13 4.65 -53.39	170.43 4.48 -93.64	151.95 5.18 -67.01	142.46 5.72 -44.45	136.19 7.28 -7.53	128.80 7.04 -4.34	126.04 6.80 0.00	124.60 6.81 -0.30	120.17 6.70 0.00	129.72 7.34 0.00	144.66 8.83 0.00	165.57 6.42 -66.13	162.71 7.09 -52.85	157.06 6.62 -55.86	146.73 8.12 -15.61	137.90 7.95 -5.79	125.28 6.67 -1.61	114.29 5.82 -4.46

E179THST_138_KV_TB4_REV_LBMP_J 345001	118.81 4.85 -18.79	106.94 3.99 -14.30	101.96 3.70 -10.28	100.69 3.46 -14.77	100.80 3.74 -5.88	100.46 4.22 -4.61	139.24 4.25 -54.90	173.33 4.41 -96.61	154.11 5.42 -68.93	144.37 6.18 -45.91	137.58 8.13 -8.07	129.88 7.98 -4.48	127.00 7.51 -0.24	125.74 7.64 -0.61	120.85 7.38 0.00	129.97 7.59 0.00	144.39 8.56 0.00	167.48 6.23 -68.22	164.23 6.99 -54.46	158.59 6.34 -57.67	146.99 7.87 -16.12	137.84 7.70 -5.98	124.70 6.08 -1.62	114.60 5.41 -5.18
E179THST_13_KV_LOAD 356214	119.19 5.23 -18.79	107.21 4.26 -14.30	102.23 3.96 -10.28	100.93 3.71 -14.77	101.17 4.10 -5.88	100.83 4.58 -4.61	139.64 4.65 -54.90	173.62 4.70 -96.61	154.43 5.74 -68.93	144.83 6.64 -45.91	138.19 8.74 -8.07	130.35 8.45 -4.48	127.59 8.11 -0.24	126.21 8.11 -0.61	121.31 7.83 0.00	130.58 8.20 0.00	145.07 9.24 0.00	167.95 6.70 -68.22	164.74 7.50 -54.46	159.06 6.81 -57.67	147.61 8.49 -16.12	138.46 8.32 -5.98	125.17 6.55 -1.62	115.01 5.82 -5.18
EAST HAMPTON___GT 23717	125.27 11.32 -18.79	113.85 10.90 -14.30	109.17 10.91 -10.27	107.27 10.06 -14.76	113.44 11.21 -11.04	121.62 12.00 -17.99	145.55 10.57 -54.88	179.46 10.70 -96.45	160.78 12.12 -68.91	150.26 12.09 -45.89	146.15 16.87 -7.91	137.64 15.74 -4.48	133.30 13.94 -0.11	131.67 13.74 -0.45	128.91 15.43 0.00	141.21 17.74 -1.10	155.93 20.10 0.00	203.08 14.79 -95.26	183.50 16.76 -63.97	170.71 15.32 -60.81	158.05 18.93 -16.11	148.76 18.62 -5.98	134.30 15.68 -1.61	121.61 12.79 -4.82
EAST RIVER___6 23660	119.19 5.23 -18.79	107.38 4.43 -14.30	102.49 4.22 -10.28	101.26 4.04 -14.77	101.44 4.38 -5.88	101.10 4.85 -4.61	139.87 4.89 -54.89	173.83 4.92 -96.60	154.67 5.98 -68.93	145.11 6.92 -45.90	138.39 9.11 -7.90	130.59 8.69 -4.48	127.69 8.34 -0.10	126.39 8.46 -0.44	121.66 8.18 0.00	131.19 8.82 0.00	145.88 10.05 0.00	168.51 7.26 -68.22	165.25 8.02 -54.46	159.53 7.28 -57.67	148.22 9.10 -16.12	138.96 8.82 -5.98	125.75 7.14 -1.62	114.84 6.03 -4.80
EAST RIVER___7 23524	119.19 5.23 -18.79	107.38 4.43 -14.30	102.49 4.22 -10.28	101.26 4.04 -14.77	101.44 4.38 -5.88	101.10 4.85 -4.61	139.87 4.89 -54.89	173.83 4.92 -96.60	154.67 5.98 -68.93	145.11 6.92 -45.90	138.39 9.11 -7.90	130.59 8.69 -4.48	127.69 8.34 -0.10	126.39 8.46 -0.44	121.66 8.18 0.00	131.19 8.82 0.00	145.88 10.05 0.00	168.51 7.26 -68.22	165.25 8.02 -54.46	159.53 7.28 -57.67	148.22 9.10 -16.12	138.96 8.82 -5.98	125.75 7.14 -1.62	114.84 6.03 -4.80
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	119.25 5.33 -18.75	107.53 4.61 -14.27	102.73 4.49 -10.25	101.48 4.29 -14.74	101.70 4.65 -5.87	101.28 5.04 -4.60	139.76 4.89 -54.78	173.48 4.77 -96.40	154.20 5.66 -68.78	144.54 6.46 -45.80	137.51 8.37 -7.76	129.99 8.10 -4.47	126.99 7.75 0.00	125.55 7.75 -0.31	121.19 7.72 0.00	130.58 8.20 0.00	145.34 9.51 0.00	167.99 6.88 -68.07	164.72 7.61 -54.35	159.13 7.00 -57.55	147.82 8.73 -16.08	138.70 8.57 -5.97	125.63 7.02 -1.61	114.54 6.03 -4.50
EAST_HAMPTON___DIESEL 23722	125.27 11.32 -18.79	113.94 10.99 -14.30	109.17 10.91 -10.27	107.27 10.06 -14.76	113.44 11.21 -11.04	121.62 12.00 -17.99	145.55 10.57 -54.88	179.46 10.70 -96.45	160.78 12.12 -68.91	150.35 12.18 -45.89	146.15 16.87 -7.91	137.64 15.74 -4.48	133.30 13.94 -0.11	131.67 13.74 -0.45	128.91 15.43 0.00	141.21 17.74 -1.10	155.93 20.10 0.00	203.17 14.88 -95.26	183.50 16.76 -63.97	170.82 15.42 -60.81	158.18 19.07 -16.11	148.76 18.62 -5.98	134.40 15.79 -1.61	121.61 12.79 -4.82
EAST_POINT___SOLAR 323840	127.98 6.94 -25.87	114.73 6.39 -19.69	119.79 6.34 -25.46	122.86 6.10 -34.31	124.91 6.84 -26.89	145.13 7.06 -46.44	237.20 6.96 -150.14	240.22 6.58 -161.33	261.81 6.78 -175.28	162.21 6.73 -63.20	140.09 8.01 -10.70	129.57 5.98 -6.17	124.96 5.72 0.00	123.67 5.76 -0.42	120.06 6.58 -0.01	130.33 7.95 0.00	146.97 11.14 0.00	214.01 8.65 -112.33	220.05 9.77 -107.51	185.64 9.08 -81.98	156.50 11.31 -22.19	143.32 10.93 -8.23	143.26 9.47 -16.79	148.35 7.90 -36.45
EAST_PULASKI___ESR 323781	94.43 -2.09 -1.36	87.47 -2.21 -1.03	86.27 -2.37 -0.65	81.10 -2.31 -0.96	88.81 -2.65 -0.27	89.45 -2.20 -0.01	81.87 -1.60 -3.37	77.75 -1.30 -6.74	81.87 -1.43 -3.54	93.75 -1.84 -3.31	119.51 -2.43 -0.56	115.27 -2.47 -0.32	116.73 -2.51 0.00	115.16 -2.35 -0.02	111.09 -2.39 0.00	119.93 -2.45 0.00	133.25 -2.59 0.00	96.17 -1.30 -4.45	104.53 -1.34 -3.10	97.35 -1.32 -4.09	122.07 -2.09 -1.16	122.11 -2.48 -0.43	114.54 -2.46 0.00	101.80 -2.29 -0.08
EAST_RIVER___1 323558	119.28 5.33 -18.79	107.56 4.61 -14.30	102.66 4.40 -10.28	101.42 4.20 -14.77	101.62 4.56 -5.88	101.28 5.04 -4.61	139.96 4.97 -54.89	173.83 4.92 -96.60	154.67 5.98 -68.93	145.01 6.83 -45.90	138.26 8.98 -7.90	130.46 8.57 -4.48	127.57 8.22 -0.10	126.27 8.34 -0.44	121.54 8.06 0.00	131.19 8.82 0.00	145.74 9.91 0.00	168.41 7.16 -68.22	165.25 8.02 -54.46	159.53 7.28 -57.67	148.22 9.10 -16.12	138.96 8.82 -5.98	125.75 7.14 -1.62	114.94 6.13 -4.80
EAST_RIVER___2 323559	119.19 5.23 -18.79	107.38 4.43 -14.30	102.49 4.22 -10.28	101.26 4.04 -14.77	101.44 4.38 -5.88	101.10 4.85 -4.61	139.87 4.89 -54.89	173.83 4.92 -96.60	154.67 5.98 -68.93	145.11 6.92 -45.90	138.39 9.11 -7.90	130.59 8.69 -4.48	127.69 8.34 -0.10	126.39 8.46 -0.44	121.66 8.18 0.00	131.19 8.82 0.00	145.88 10.05 0.00	168.51 7.26 -68.22	165.25 8.02 -54.46	159.53 7.28 -57.67	148.22 9.10 -16.12	138.96 8.82 -5.98	125.75 7.14 -1.62	114.84 6.03 -4.80
EAST___DELAWARE_HYD 23607	117.08 4.76 -17.16	105.96 4.26 -13.06	101.50 3.96 -9.55	99.94 3.79 -13.69	101.12 4.29 -5.65	101.02 4.58 -4.80	136.04 4.72 -51.21	165.41 4.48 -88.61	148.94 5.03 -64.16	139.44 5.26 -41.91	135.02 6.55 -7.10	127.73 6.22 -4.09	124.96 5.72 0.00	123.52 5.76 -0.28	119.27 5.78 0.00	129.10 6.73 0.00	144.26 8.42 0.00	161.93 6.33 -62.57	160.09 7.09 -50.23	153.89 6.62 -52.69	145.96 8.24 -14.72	137.45 7.83 -5.46	125.24 6.55 -1.69	114.39 5.82 -4.56
EIGHT_POINT___WT_PWR 323820	84.36 -8.66 2.15	76.41 -8.60 3.65	78.99 -8.27 0.72	73.59 -7.75 1.11	82.60 -8.66 -0.08	84.87 -7.88 -1.11	104.17 -6.65 -30.72	147.51 -5.06 -80.26	153.15 -6.54 -79.93	117.21 -8.03 -32.96	-2.92 -12.14 112.16	9.70 -12.09 95.62	3.46 -12.40 103.38	-6.71 -12.22 111.98	-7.20 -11.35 109.33	1.04 -11.87 109.47	22.69 -13.45 99.69	121.52 -8.46 -36.95	137.79 -9.15 -44.16	133.99 -8.61 -48.01	111.98 -11.81 -0.79	4.25 -12.29 107.62	50.97 -11.35 54.69	94.53 -10.19 -0.71
ELBRIDGE_115KV_TB2 80188	94.90 -2.28 -2.02	87.80 -2.39 -1.54	86.50 -2.46 -0.97	81.65 -2.23 -1.42	89.13 -2.46 -0.41	89.54 -2.11 -0.02	83.51 -1.60 -5.02	80.92 -1.45 -10.06	83.45 -1.60 -5.29	95.28 -1.94 -4.94	119.54 -2.67 -0.84	115.20 -2.70 -0.48	116.50 -2.74 0.00	114.82 -2.70 -0.03	110.75 -2.72 0.00	119.56 -2.81 0.00	132.84 -2.99 0.00	97.90 -1.77 -6.64	105.54 -1.85 -4.62	98.89 -1.80 -6.11	122.15 -2.58 -1.73	121.83 -2.98 -0.64	114.08 -2.93 0.00	101.43 -2.70 -0.12
ELEC_TRO_TEK 24086	120.52 6.57 -18.79	108.62 5.67 -14.30	103.98 5.72 -10.27	102.58 5.36 -14.76	108.14 5.93 -11.03	115.93 6.32 -17.98	140.98 6.01 -54.88	174.62 5.78 -96.53	155.52 6.86 -68.91	145.64 7.47 -45.89	139.00 9.71 -7.92	131.29 9.39 -4.48	128.30 8.94 -0.12	126.76 8.81 -0.46	122.55 9.08 0.00	133.50 10.03 -1.09	147.24 11.41 0.00	199.68 8.37 -98.28	175.99 9.25 -63.97	163.90 8.51 -60.80	149.57 10.45 -16.11	140.57 10.43 -5.98	127.16 8.54 -1.61	115.81 6.97 -4.84

ELLENBURG_WT_PWR 323604	95.64 0.48 0.00	89.63 0.98 0.00	88.69 0.70 0.00	83.36 0.91 0.00	92.09 0.91 0.00	92.00 0.37 0.00	80.10 0.00 0.00	72.45 0.14 0.00	79.60 -0.16 0.00	91.91 -0.37 0.00	120.53 -0.84 0.00	116.95 -0.47 0.00	119.00 -0.24 0.00	116.90 -0.58 0.00	112.91 -0.56 0.00	121.65 -0.73 0.00	134.74 -1.09 0.00	91.73 -1.30 0.00	100.93 -1.85 0.00	92.88 -1.70 0.00	121.03 -1.97 0.00	122.30 -1.86 0.00	115.72 -1.28 0.00	103.70 -0.31 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	85.19 -10.85 -0.87	77.89 -10.73 0.04	77.23 -11.17 -0.41	73.17 -9.89 -0.61	80.58 -10.76 -0.16	81.54 -10.08 0.01	71.83 -8.41 -0.14	63.65 -7.59 1.07	64.53 -8.69 6.53	70.99 -10.24 11.04	66.04 -14.20 41.13	65.92 -13.62 37.87	65.74 -13.83 39.66	63.91 -13.39 40.19	61.48 -13.39 38.60	67.12 -13.58 41.67	65.41 -16.30 54.12	76.28 -10.14 6.61	71.86 -11.00 19.91	64.57 -10.40 19.60	72.31 -14.27 36.42	73.37 -14.53 36.26	85.16 -12.99 18.85	92.50 -11.54 -0.04
EMPIRE_CC_1 323656	121.68 4.38 -22.13	109.49 3.99 -16.84	106.19 3.96 -14.24	106.20 3.71 -20.03	105.77 4.11 -10.48	108.76 4.13 -13.00	162.27 3.44 -78.73	194.25 2.82 -119.12	179.84 3.35 -96.73	150.50 4.16 -54.06	136.00 5.47 -9.16	128.10 5.40 -5.28	124.61 5.37 0.00	123.26 5.41 -0.36	118.71 5.22 -0.01	127.76 5.38 0.00	141.27 5.44 0.00	180.91 3.91 -83.98	177.65 4.32 -70.56	166.89 3.88 -68.43	147.03 5.04 -18.98	136.66 5.46 -7.04	126.68 5.03 -4.65	119.50 4.47 -11.02
EMPIRE_CC_2 323658	121.68 4.38 -22.13	109.49 3.99 -16.84	106.19 3.96 -14.24	106.20 3.71 -20.03	105.77 4.11 -10.48	108.76 4.13 -13.00	162.27 3.44 -78.73	194.25 2.82 -119.12	179.84 3.35 -96.73	150.50 4.16 -54.06	136.00 5.47 -9.16	128.10 5.40 -5.28	124.61 5.37 0.00	123.26 5.41 -0.36	118.71 5.22 -0.01	127.76 5.38 0.00	141.27 5.44 0.00	180.91 3.91 -83.98	177.65 4.32 -70.56	166.89 3.88 -68.43	147.03 5.04 -18.98	136.66 5.46 -7.04	126.68 5.03 -4.65	119.50 4.47 -11.02
ENORWICH_115KV_TB1 80156	110.09 5.71 -9.21	101.93 5.14 -8.13	97.93 4.66 -5.28	94.02 4.04 -7.53	98.75 4.29 -3.28	100.04 5.31 -3.09	109.14 6.01 -23.03	112.08 6.07 -33.69	114.71 6.46 -28.49	126.02 6.64 -27.10	199.75 8.62 -69.76	186.62 7.98 -61.22	189.38 7.75 -62.39	190.27 7.87 -64.92	183.09 7.04 -62.58	196.80 8.69 -65.74	221.98 10.05 -76.09	135.90 7.91 -34.96	154.27 9.25 -42.25	142.17 8.13 -39.46	177.65 9.59 -45.06	196.20 9.31 -62.72	157.44 8.54 -31.90	113.92 7.07 -2.84
ERIE_ST_34_KV_TB1-2 80199	87.42 -8.66 -0.91	80.91 -7.71 0.04	80.32 -8.10 -0.43	75.42 -7.67 -0.64	82.78 -8.57 -0.17	83.10 -8.52 0.01	74.03 -7.13 -1.06	68.63 -4.99 -1.30	69.42 -5.82 4.51	75.59 -7.01 9.68	68.69 -9.83 42.85	68.71 -9.39 39.31	68.44 -9.54 41.26	66.37 -9.16 41.95	63.84 -9.31 40.33	69.71 -9.30 43.37	69.23 -11.14 55.47	80.90 -6.70 5.43	77.23 -7.09 18.46	69.58 -6.90 18.10	77.42 -9.72 35.86	76.27 -9.93 37.96	88.50 -8.78 19.72	96.24 -7.80 -0.04
ERIE_WT_PWR 323693	85.77 -10.28 -0.88	78.58 -10.02 0.05	78.55 -9.85 -0.41	73.75 -9.32 -0.62	81.13 -10.21 -0.16	82.00 -9.62 0.01	72.40 -8.09 -0.39	64.96 -6.94 0.41	65.56 -7.97 6.22	71.96 -9.50 10.82	65.67 -13.11 42.59	65.68 -12.56 39.17	65.44 -12.76 41.05	63.40 -12.46 41.63	61.12 -12.37 39.99	66.03 -13.22 43.13	65.10 -14.94 55.79	77.19 -9.30 6.53	72.74 -9.97 20.07	65.39 -9.46 19.74	72.79 -13.04 37.17	73.28 -13.28 37.60	85.65 -11.81 19.53	93.54 -10.50 -0.04
ESPRGFLD_115KV_TB1 80157	98.40 3.24 0.00	91.67 3.01 0.00	100.14 2.82 -9.34	96.63 2.64 -11.54	109.62 2.92 -15.52	128.04 3.30 -33.10	145.36 3.68 -61.58	99.39 3.69 -23.40	162.31 3.99 -78.56	96.34 4.06 0.00	126.35 4.98 0.00	121.76 4.34 0.00	123.30 4.05 0.00	121.60 4.11 0.00	117.68 4.20 0.00	127.40 5.02 0.00	142.49 6.66 0.00	118.56 5.30 -20.23	144.49 5.96 -35.75	102.80 5.39 -2.83	129.52 6.52 0.00	130.25 6.08 0.00	134.17 5.15 -12.03	133.14 4.16 -24.97
ETNA_115_KV_TB1_REV_LBMP_C 345029	108.02 0.29 -12.57	101.08 0.09 -12.34	94.28 -0.18 -6.46	91.63 -0.16 -9.34	94.25 -0.18 -3.25	93.57 0.37 -1.57	100.68 0.80 -19.78	99.72 1.01 -26.40	103.07 1.04 -22.28	133.80 0.92 -40.59	290.03 1.09 -167.56	266.41 0.82 -148.17	273.51 0.72 -153.55	277.94 0.70 -159.74	268.23 0.57 -154.19	285.16 0.98 -161.80	323.73 1.36 -186.54	140.17 1.40 -45.75	171.19 1.85 -66.57	159.61 1.51 -63.52	224.72 1.48 -100.24	276.76 1.12 -151.48	194.33 0.82 -76.51	106.31 0.42 -1.89
ETNA____115KV_TB2 80207	108.02 0.29 -12.57	101.08 0.09 -12.34	94.28 -0.18 -6.46	91.63 -0.16 -9.34	94.25 -0.18 -3.25	93.57 0.37 -1.57	100.68 0.80 -19.78	99.72 1.01 -26.40	103.07 1.04 -22.28	133.80 0.92 -40.59	290.03 1.09 -167.56	266.41 0.82 -148.17	273.51 0.72 -153.55	277.94 0.70 -159.74	268.23 0.57 -154.19	285.16 0.98 -161.80	323.73 1.36 -186.54	140.17 1.40 -45.75	171.19 1.85 -66.57	159.61 1.51 -63.52	224.72 1.48 -100.24	276.76 1.12 -151.48	194.33 0.82 -76.51	106.31 0.42 -1.89
EUCLID____115KV_TB2 356179	93.99 -2.76 -1.59	87.03 -2.84 -1.21	85.85 -2.90 -0.76	80.93 -2.64 -1.12	88.68 -2.83 -0.32	89.17 -2.47 -0.01	82.04 -2.00 -3.94	78.41 -1.81 -7.90	81.92 -1.99 -4.16	93.76 -2.40 -3.88	118.76 -3.28 -0.66	114.62 -3.17 -0.38	115.90 -3.34 0.00	114.34 -3.17 -0.03	110.30 -3.18 0.00	119.07 -3.30 0.00	132.03 -3.80 0.00	96.01 -2.23 -5.22	103.94 -2.47 -3.63	97.02 -2.36 -4.80	121.04 -3.32 -1.36	121.07 -3.60 -0.51	113.49 -3.51 0.00	100.88 -3.22 -0.10
E_CANADA_CAP_HY 24051	126.80 4.76 -26.88	113.45 4.34 -20.45	117.32 4.31 -25.02	120.45 4.12 -33.88	121.30 4.56 -25.57	139.67 4.85 -43.18	231.63 4.97 -146.56	241.03 4.70 -164.03	255.38 4.95 -170.68	162.82 4.89 -65.65	138.44 5.95 -11.12	128.76 4.93 -6.41	124.02 4.77 0.00	122.75 4.82 -0.44	118.71 5.22 -0.01	128.25 5.87 0.00	143.85 8.01 0.00	213.20 6.33 -113.85	216.52 7.09 -106.66	185.86 6.52 -84.76	154.04 7.99 -23.05	140.29 7.57 -8.55	139.38 6.78 -15.60	143.56 5.51 -34.05
E_CANADA_MHWK_HY 24050	102.87 7.70 0.00	95.31 6.65 0.00	94.59 6.60 0.00	88.97 6.51 0.00	98.84 7.66 0.00	100.06 8.42 0.00	87.86 7.77 0.00	79.18 6.87 0.00	86.78 7.02 0.00	99.67 7.39 0.00	130.60 9.22 0.00	125.88 8.46 0.00	127.23 7.99 0.00	125.24 7.75 0.00	120.85 7.37 0.00	130.09 7.71 0.00	144.66 8.82 0.00	99.44 6.41 0.00	110.18 7.40 0.00	101.39 6.81 0.00	131.48 8.48 0.00	132.48 8.32 0.00	125.19 8.19 0.00	111.08 7.08 0.00
E_FISHKILL____LBMP 23776	119.29 4.95 -19.18	107.59 4.34 -14.60	102.70 4.22 -10.48	101.48 3.96 -15.07	101.56 4.38 -6.00	101.00 4.67 -4.69	140.58 4.49 -56.00	175.23 4.34 -98.59	155.17 5.10 -70.31	144.94 5.81 -46.85	136.83 7.53 -7.93	129.27 7.28 -4.57	126.28 7.04 0.00	124.97 7.17 -0.31	120.51 7.04 0.00	129.84 7.47 0.00	144.39 8.56 0.00	168.88 6.23 -69.62	165.23 6.89 -55.57	159.78 6.34 -58.86	147.45 7.99 -16.45	138.09 7.82 -6.10	125.20 6.55 -1.64	114.21 5.62 -4.59
FALCON____SEABRD_CC1 323796	96.78 1.62 0.00	90.69 2.04 0.00	89.75 1.76 0.00	84.35 1.90 0.00	93.19 2.00 0.00	93.19 1.56 0.00	80.82 0.72 0.00	73.11 0.80 0.00	80.24 0.48 0.00	92.56 0.28 0.00	121.25 -0.12 0.00	117.65 0.24 0.00	119.72 0.48 0.00	117.49 0.00 0.00	113.59 0.11 0.00	122.38 0.00 0.00	135.56 -0.27 0.00	92.28 -0.75 0.00	101.54 -1.23 0.00	93.45 -1.13 0.00	121.77 -1.23 0.00	122.92 -1.24 0.00	116.19 -0.81 0.00	104.84 0.83 0.00

FALCON___SEABRD_CC2 323797	96.78 1.62 0.00	90.69 2.04 0.00	89.75 1.76 0.00	84.35 1.90 0.00	93.19 2.00 0.00	93.19 1.56 0.00	80.82 0.72 0.00	73.11 0.80 0.00	80.24 0.48 0.00	92.56 0.28 0.00	121.25 -0.12 0.00	117.65 0.24 0.00	119.72 0.48 0.00	117.49 0.00 0.00	113.59 0.11 0.00	122.38 0.00 0.00	135.56 -0.27 0.00	92.28 -0.75 0.00	101.54 -1.23 0.00	93.45 -1.13 0.00	121.77 -1.23 0.00	122.92 -1.24 0.00	116.19 -0.81 0.00	104.84 0.83 0.00
FAR ROCKAWAY___4 23548	121.38 7.42 -18.79	109.51 6.56 -14.30	104.86 6.60 -10.27	103.40 6.18 -14.76	109.05 6.84 -11.03	116.76 7.15 -17.98	141.38 6.41 -54.88	175.23 6.15 -96.77	155.84 7.18 -68.91	146.01 7.84 -45.89	139.61 10.32 -7.92	131.76 9.86 -4.48	128.78 9.42 -0.12	127.35 9.40 -0.46	123.12 9.65 0.00	134.11 10.65 -1.09	147.92 12.09 0.00	209.83 8.93 -107.88	176.71 9.97 -63.97	164.56 9.17 -60.80	150.43 11.32 -16.11	141.19 11.05 -5.98	128.21 9.59 -1.61	116.75 7.90 -4.84
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	119.38 5.42 -18.79	107.56 4.61 -14.30	102.75 4.49 -10.28	101.43 4.21 -14.77	101.72 4.65 -5.88	101.29 5.04 -4.61	139.96 4.97 -54.89	173.83 4.92 -96.60	154.66 5.98 -68.93	145.01 6.83 -45.90	138.01 8.86 -7.77	130.47 8.57 -4.48	127.47 8.23 0.00	126.02 8.22 -0.31	121.53 8.06 0.00	130.94 8.57 0.00	145.75 9.92 0.00	168.41 7.16 -68.22	165.15 7.91 -54.46	159.53 7.28 -57.67	148.22 9.10 -16.12	138.96 8.82 -5.98	125.75 7.14 -1.62	114.65 6.14 -4.51
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	119.48 5.52 -18.79	107.56 4.61 -14.30	102.75 4.49 -10.28	101.43 4.21 -14.77	101.72 4.65 -5.88	101.29 5.04 -4.61	139.96 4.97 -54.89	173.83 4.92 -96.60	154.66 5.98 -68.93	145.01 6.83 -45.90	138.01 8.86 -7.77	130.47 8.57 -4.48	127.47 8.23 0.00	126.02 8.22 -0.31	121.53 8.06 0.00	130.94 8.57 0.00	145.75 9.92 0.00	168.41 7.16 -68.22	165.25 8.02 -54.46	159.53 7.28 -57.67	148.22 9.10 -16.12	138.96 8.82 -5.98	125.87 7.25 -1.62	114.65 6.14 -4.51
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	119.38 5.42 -18.79	107.48 4.52 -14.30	102.67 4.40 -10.28	101.43 4.21 -14.77	101.63 4.56 -5.88	101.19 4.95 -4.61	139.88 4.89 -54.89	173.83 4.92 -96.60	154.58 5.90 -68.93	144.92 6.74 -45.90	138.01 8.86 -7.77	130.47 8.57 -4.48	127.47 8.23 0.00	126.02 8.22 -0.31	121.53 8.06 0.00	130.94 8.57 0.00	145.61 9.78 0.00	168.32 7.07 -68.22	165.15 7.91 -54.46	159.44 7.19 -57.67	148.10 8.98 -16.12	138.83 8.69 -5.98	125.75 7.14 -1.62	114.65 6.14 -4.51
FARRAGUT___LBMP 323566	119.29 5.33 -18.79	107.48 4.52 -14.30	102.58 4.31 -10.28	101.34 4.12 -14.77	101.63 4.56 -5.88	101.19 4.95 -4.61	139.88 4.89 -54.89	173.76 4.84 -96.60	154.50 5.82 -68.93	144.92 6.74 -45.90	137.89 8.74 -7.77	130.35 8.45 -4.48	127.35 8.11 0.00	125.90 8.11 -0.31	121.42 7.94 0.00	130.82 8.44 0.00	145.48 9.64 0.00	168.22 6.98 -68.22	165.04 7.81 -54.46	159.44 7.19 -57.67	147.97 8.86 -16.12	138.83 8.69 -5.98	125.64 7.02 -1.62	114.55 6.03 -4.51
FENNER___WINDPWR 24204	100.34 1.33 -3.85	93.26 1.15 -3.46	90.90 1.06 -1.85	86.07 0.91 -2.71	92.98 1.00 -0.79	93.14 1.46 -0.05	88.32 1.68 -6.54	85.44 1.81 -11.32	90.25 2.31 -8.18	105.53 2.40 -10.85	157.92 3.28 -33.26	149.52 2.94 -29.16	152.00 2.86 -29.90	151.62 2.94 -31.19	146.30 2.72 -30.10	157.07 3.18 -31.51	174.07 3.13 -35.11	108.09 2.41 -12.64	120.03 2.78 -14.48	112.56 2.46 -15.52	145.28 2.83 -19.45	156.03 2.48 -29.39	133.73 2.22 -14.51	106.02 1.77 -0.25
FIBERTEK___ENERGY 23856	95.36 -1.71 -1.91	88.33 -1.77 -1.45	86.97 -1.94 -0.92	82.06 -1.73 -1.34	89.65 -1.91 -0.39	90.09 -1.56 -0.02	83.71 -1.12 -4.73	80.85 -0.94 -9.48	83.71 -1.04 -4.99	95.55 -1.38 -4.66	120.34 -1.82 -0.79	115.99 -1.88 -0.45	117.33 -1.91 0.00	115.64 -1.88 -0.03	111.55 -1.93 0.00	120.42 -1.96 0.00	133.66 -2.17 0.00	98.17 -1.12 -6.26	106.00 -1.13 -4.36	99.21 -1.13 -5.76	122.79 -1.84 -1.64	122.66 -2.11 -0.61	114.89 -2.11 0.00	102.04 -2.08 -0.12
FITZPATRICK___ 23598	92.38 -3.91 -1.12	85.70 -3.81 -0.85	84.75 -3.78 -0.54	79.70 -3.54 -0.79	87.49 -3.92 -0.23	87.98 -3.67 -0.01	79.75 -3.13 -2.78	75.00 -2.89 -5.58	79.50 -3.19 -2.94	91.24 -3.79 -0.46	116.75 -5.09 -0.27	112.76 -4.93 -0.27	114.24 -5.00 0.00	112.58 -4.93 -0.02	108.60 -4.88 0.00	117.24 -5.14 0.00	130.13 -5.70 0.00	92.99 -3.72 -3.69	101.33 -4.01 -2.57	94.19 -3.79 -3.39	118.80 -5.16 -0.96	119.19 -5.34 -0.36	111.85 -5.15 0.00	99.50 -4.57 -0.07
FLOWRFLD_69_KV_BK1 356044	122.61 8.66 -18.79	110.75 7.80 -14.30	106.18 7.92 -10.27	104.64 7.42 -14.76	110.42 8.21 -11.03	118.41 8.80 -17.98	143.06 8.09 -54.88	176.50 7.74 -96.45	157.67 9.01 -68.91	147.58 9.41 -45.89	141.91 12.62 -7.91	133.99 12.09 -4.48	130.32 10.97 -0.11	128.86 10.93 -0.45	125.39 11.92 0.00	137.05 13.58 -1.09	151.05 15.21 0.00	199.08 10.79 -95.26	178.97 12.23 -63.97	166.83 11.44 -60.80	153.26 14.14 -16.11	144.17 14.03 -5.98	130.32 11.70 -1.61	118.19 9.36 -4.82
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	120.12 6.09 -18.86	108.42 5.41 -14.35	103.53 5.19 -10.35	102.27 4.95 -14.87	102.71 5.56 -5.97	102.26 5.86 -4.76	141.12 5.69 -55.34	174.79 5.42 -97.06	155.43 6.22 -69.45	145.18 6.83 -46.08	137.80 8.62 -7.80	130.37 8.45 -4.50	127.23 7.99 0.00	125.90 8.11 -0.31	121.53 8.06 0.00	131.07 8.69 0.00	146.29 10.46 0.00	169.19 7.63 -68.54	166.08 8.53 -54.78	160.33 7.85 -57.90	148.90 9.72 -16.18	139.73 9.56 -6.00	126.74 8.07 -1.67	115.70 7.07 -4.62
FORT ORANGE___ 23900	121.70 3.71 -22.82	109.39 3.37 -17.37	108.54 3.52 -17.02	109.22 3.21 -23.55	109.34 3.46 -14.70	116.74 3.39 -21.71	178.96 2.24 -96.62	202.89 1.88 -128.70	198.80 2.23 -116.82	150.52 2.49 -55.74	134.21 3.39 -9.44	126.38 3.52 -5.44	122.94 3.70 0.00	121.73 3.87 -0.37	116.66 3.17 -0.01	125.31 2.93 0.00	138.69 2.86 0.00	185.37 1.76 -90.58	184.52 1.95 -79.80	167.49 1.79 -71.12	144.79 2.22 -19.58	134.04 2.61 -7.26	128.08 3.27 -7.81	125.58 3.95 -17.63
FORT_DRUM_COGEN 23780	97.72 1.62 -0.93	90.78 1.42 -0.71	89.58 1.14 -0.45	83.94 0.82 -0.66	91.92 0.55 -0.19	92.74 1.10 -0.01	84.34 1.92 -2.32	79.34 2.39 -4.65	84.75 2.55 -2.44	97.15 2.58 -2.28	125.28 3.52 -0.39	120.69 3.05 -0.22	122.22 2.98 0.00	120.56 3.05 -0.02	116.20 2.72 0.00	126.17 3.79 0.00	139.91 4.07 0.00	99.72 3.63 -3.07	109.12 4.21 -2.14	101.09 3.69 -2.82	127.98 4.18 -0.80	128.19 3.72 -0.30	120.39 3.39 0.00	106.77 2.70 -0.06
FOX_HILLS___ESR 323835	58.58 5.04 41.63	58.38 4.08 34.35	39.87 3.78 51.91	38.41 3.46 47.51	38.49 3.83 56.52	39.78 4.31 56.17	146.00 4.33 -61.57	184.42 4.48 -107.63	103.42 5.50 -18.16	93.82 6.28 4.73	67.89 8.13 61.62	58.84 7.87 66.45	56.53 7.51 70.22	55.95 7.52 69.06	58.30 7.26 62.44	58.10 7.22 71.49	143.71 7.88 0.00	167.21 5.95 -68.22	163.92 6.68 -54.46	158.40 6.15 -57.67	146.62 7.50 -16.12	137.72 7.57 -5.98	124.47 5.85 -1.62	113.46 5.41 -4.04
FPL FAR_ROCK_GT1 24212	121.38 7.43 -18.79	109.60 6.65 -14.30	104.87 6.60 -10.27	103.40 6.19 -14.76	109.07 6.84 -11.04	116.77 7.15 -17.99	141.30 6.33 -54.88	175.23 6.14 -96.78	155.84 7.18 -68.91	146.01 7.84 -45.89	139.74 10.44 -7.92	131.76 9.86 -4.48	128.78 9.42 -0.12	127.35 9.40 -0.46	123.12 9.64 0.00	134.25 10.77 -1.10	147.92 12.08 0.00	209.84 8.93 -107.89	176.71 9.97 -63.97	164.57 9.17 -60.81	150.42 11.31 -16.11	141.19 11.05 -5.98	128.21 9.60 -1.62	116.75 7.90 -4.84



FPL FAR_ROCK_GT2 23815	121.38 7.43 -18.79	109.60 6.65 -14.30	104.87 6.60 -10.27	103.40 6.19 -14.76	109.07 6.84 -11.04	116.77 7.15 -17.99	141.30 6.33 -54.88	175.23 6.14 -96.78	155.84 7.18 -68.91	146.01 7.84 -45.89	139.74 10.44 -7.92	131.76 9.86 -4.48	128.78 9.42 -0.12	127.35 9.40 -0.46	123.12 9.64 0.00	134.25 10.77 -1.10	147.92 12.08 0.00	209.84 8.93 -107.89	176.71 9.97 -63.97	164.57 9.17 -60.81	150.42 11.31 -16.11	141.19 11.05 -5.98	128.21 9.60 -1.62	116.75 7.90 -4.84
FRANKLIN_FALL_HYD 24054	96.88 1.71 0.00	90.87 2.22 0.00	90.10 2.11 0.00	84.43 1.98 0.00	93.10 1.91 0.00	93.10 1.47 0.00	81.30 1.20 0.00	73.76 1.45 0.00	80.95 1.20 0.00	93.30 1.02 0.00	122.10 0.73 0.00	118.36 0.94 0.00	120.55 1.31 0.00	118.19 0.70 0.00	114.27 0.79 0.00	123.11 0.73 0.00	136.38 0.54 0.00	93.03 0.00 0.00	102.26 -0.51 0.00	94.11 -0.47 0.00	122.51 -0.49 0.00	123.91 -0.25 0.00	117.35 0.35 0.00	105.26 1.25 0.00
FREEPORT_EQUS_GT1 23764	120.61 6.66 -18.79	108.98 6.03 -14.30	104.16 5.90 -10.27	102.74 5.53 -14.76	108.33 6.11 -11.04	116.13 6.51 -17.99	141.38 6.41 -54.88	175.03 6.22 -96.50	155.92 7.26 -68.91	146.01 7.84 -45.89	139.36 10.07 -7.92	131.40 9.51 -4.48	128.31 8.95 -0.12	126.87 8.92 -0.45	122.79 9.31 0.00	134.00 10.53 -1.10	147.64 11.81 0.00	200.10 8.65 -98.42	176.10 9.35 -63.97	163.91 8.52 -60.81	149.56 10.45 -16.11	140.82 10.68 -5.98	127.39 8.78 -1.61	115.92 7.08 -4.83
FREEPORT___CT2 23818	120.61 6.66 -18.79	108.98 6.03 -14.30	104.16 5.90 -10.27	102.74 5.53 -14.76	108.33 6.11 -11.04	116.13 6.51 -17.99	141.38 6.41 -54.88	175.03 6.22 -96.50	155.92 7.26 -68.91	146.01 7.84 -45.89	139.36 10.07 -7.92	131.40 9.51 -4.48	128.31 8.95 -0.12	126.87 8.92 -0.45	122.79 9.31 0.00	134.00 10.53 -1.10	147.64 11.81 0.00	200.10 8.65 -98.42	176.10 9.35 -63.97	163.91 8.52 -60.81	149.56 10.45 -16.11	140.82 10.68 -5.98	127.39 8.78 -1.61	115.92 7.08 -4.83
FRESHKLS_33_KV_LOAD 356253	58.20 4.66 41.63	58.03 3.72 34.35	39.51 3.43 51.91	38.16 3.22 47.51	38.22 3.56 56.52	39.41 3.94 56.17	145.76 4.08 -61.57	184.21 4.27 -107.63	103.18 5.26 -18.16	93.54 6.00 4.73	68.14 7.77 61.00	58.49 7.51 66.45	56.68 7.15 69.72	56.23 7.17 68.43	57.96 6.92 62.44	57.74 6.85 71.49	143.44 7.61 0.00	166.93 5.67 -68.22	163.71 6.47 -54.46	158.12 5.86 -57.67	146.38 7.26 -16.12	137.47 7.33 -5.98	124.11 5.50 -1.62	114.54 5.10 -5.44
FULTON COGEN____ 23766	93.99 -2.66 -1.49	87.04 -2.75 -1.13	85.80 -2.90 -0.72	80.86 -2.64 -1.05	88.66 -2.83 -0.30	89.17 -2.47 -0.01	81.79 -2.00 -3.70	77.91 -1.81 -7.41	81.66 -1.99 -3.89	93.52 -2.40 -3.64	118.84 -3.16 -0.62	114.60 -3.17 -0.36	115.90 -3.34 0.00	114.34 -3.17 -0.02	110.30 -3.18 0.00	119.07 -3.30 0.00	132.17 -3.67 0.00	95.78 -2.14 -4.89	103.91 -2.26 -3.40	96.90 -2.18 -4.50	121.08 -3.20 -1.28	121.16 -3.48 -0.47	113.61 -3.39 0.00	100.87 -3.22 -0.09
FULTON___LFGE 323630	127.07 6.28 -25.62	114.00 5.85 -19.50	119.36 5.81 -25.57	122.39 5.53 -34.41	124.52 6.11 -27.22	145.21 6.32 -47.26	237.30 6.17 -151.04	238.75 5.79 -160.65	262.34 6.14 -176.44	161.22 6.36 -62.58	139.86 7.88 -10.60	130.45 6.93 -6.11	126.03 6.79 0.00	124.60 6.69 -0.42	120.52 7.04 -0.01	130.33 7.95 0.00	146.03 10.19 0.00	212.69 7.72 -111.95	219.23 8.73 -107.73	183.89 8.03 -81.27	155.06 10.09 -21.98	142.01 9.69 -8.15	142.62 8.54 -17.08	148.13 7.08 -37.05
G.F.CEMENT___DRP 24184	127.23 8.37 -23.69	114.31 7.62 -18.03	120.29 7.57 -24.73	122.88 7.26 -33.17	126.19 8.02 -26.98	147.25 8.06 -47.55	234.46 7.53 -146.84	230.54 6.94 -151.29	260.17 7.66 -172.76	158.73 8.58 -57.87	142.34 11.17 -9.80	133.40 10.33 -5.65	129.50 10.25 0.00	128.21 10.34 -0.39	123.69 10.21 0.00	133.51 11.14 0.00	149.01 13.18 0.00	208.49 9.40 -106.07	217.27 10.38 -104.12	179.65 9.55 -75.51	155.37 12.05 -20.32	143.74 12.04 -7.54	144.73 10.53 -17.20	150.22 9.05 -37.17
GARDENVILLE___LBMP 24039	85.45 -10.56 -0.85	78.28 -10.28 0.09	77.74 -10.65 -0.40	73.48 -9.56 -0.59	80.94 -10.39 -0.16	81.82 -9.80 0.01	71.55 -8.17 0.38	62.73 -7.16 2.42	63.25 -8.21 8.29	70.17 -9.78 12.33	64.82 -13.47 43.09	64.76 -12.92 39.74	64.57 -13.12 41.55	62.66 -12.81 42.03	60.42 -12.71 40.35	65.75 -12.97 43.65	63.33 -15.35 57.15	75.51 -9.58 7.94	70.24 -10.28 22.26	62.77 -9.84 21.98	70.29 -13.41 39.30	72.62 -13.66 37.88	85.16 -12.17 19.68	93.12 -10.92 -0.03
GARDNVLA_35_KV_LD 355827	85.97 -10.09 -0.90	78.68 -9.93 0.04	78.20 -10.21 -0.42	73.93 -9.15 -0.62	81.32 -10.03 -0.17	82.18 -9.44 0.01	72.85 -7.93 -0.68	65.76 -6.87 -0.32	66.48 -7.82 5.46	72.69 -9.32 10.27	65.98 -12.99 42.41	66.12 -12.33 38.97	65.74 -12.64 40.86	63.79 -12.22 41.48	61.35 -12.26 39.87	67.07 -12.36 42.94	65.88 -14.67 55.28	77.89 -9.12 6.02	73.76 -9.76 19.25	66.30 -9.36 18.92	73.83 -12.79 36.38	73.63 -13.04 37.49	85.93 -11.58 19.48	93.75 -10.30 -0.04
GELCKHM___115KV_LOAD 80723	94.59 -2.28 -1.71	87.56 -2.39 -1.30	86.26 -2.55 -0.82	81.34 -2.31 -1.20	89.06 -2.46 -0.34	89.54 -2.11 -0.02	82.65 -1.68 -4.23	79.27 -1.52 -8.48	82.54 -1.67 -4.46	94.41 -2.03 -4.17	119.41 -2.67 -0.71	115.12 -2.70 -0.41	116.50 -2.74 0.00	114.81 -2.70 -0.03	110.75 -2.72 0.00	119.56 -2.81 0.00	132.71 -3.12 0.00	96.76 -1.86 -5.60	104.72 -1.95 -3.90	97.84 -1.89 -5.15	121.76 -2.71 -1.46	121.73 -2.98 -0.54	114.08 -2.93 0.00	101.30 -2.81 -0.10
GENERAL___MILLS 23808	85.87 -10.18 -0.88	78.67 -9.93 0.05	78.02 -10.38 -0.41	73.75 -9.32 -0.62	81.22 -10.12 -0.16	82.09 -9.53 0.01	72.48 -8.01 -0.39	65.02 -6.87 0.42	65.63 -7.90 6.23	72.04 -9.41 10.83	65.67 -13.11 42.59	65.79 -12.45 39.18	65.44 -12.76 41.05	63.52 -12.34 41.63	61.11 -12.37 40.00	66.76 -12.48 43.13	65.10 -14.94 55.79	77.19 -9.30 6.54	72.74 -9.97 20.07	65.38 -9.46 19.75	72.92 -12.91 37.17	73.28 -13.29 37.60	85.65 -11.82 19.53	93.54 -10.50 -0.04
GE_PLASTICS___DRP 24183	121.11 3.14 -22.81	108.93 2.93 -17.35	106.73 2.90 -15.83	107.25 2.72 -22.08	106.83 2.92 -12.73	112.09 2.93 -17.52	171.29 2.40 -88.79	200.14 2.17 -125.66	190.45 2.55 -108.14	150.94 2.95 -55.70	134.69 3.88 -9.43	126.85 3.99 -5.44	123.30 4.05 0.00	121.97 4.11 -0.37	117.11 3.63 0.00	125.93 3.55 0.00	139.64 3.80 0.00	184.04 2.51 -88.50	181.74 2.77 -76.20	167.92 2.55 -70.78	145.76 3.20 -19.56	134.77 3.35 -7.26	126.80 3.51 -6.29	121.91 3.43 -14.47
GILBOA___1 23756	116.13 2.85 -18.11	105.27 2.84 -13.78	100.28 2.81 -9.47	98.79 2.64 -13.70	98.96 2.83 -4.95	97.30 2.75 -2.91	132.71 2.56 -50.05	166.64 2.31 -92.02	145.77 2.71 -63.30	139.75 3.23 -44.24	133.11 4.25 -7.49	125.84 4.11 -4.32	123.17 3.93 0.00	121.78 4.00 -0.30	117.34 3.86 0.00	126.54 4.16 0.00	140.58 4.75 0.00	161.30 3.25 -65.02	157.67 3.69 -51.20	153.37 3.31 -55.48	142.96 4.42 -15.54	134.27 4.34 -5.76	121.74 3.74 -1.00	110.43 3.23 -3.19
GILBOA___2 23757	116.13 2.85 -18.11	105.27 2.84 -13.78	100.28 2.81 -9.47	98.79 2.64 -13.70	98.96 2.83 -4.95	97.30 2.75 -2.91	132.71 2.56 -50.05	166.64 2.31 -92.02	145.77 2.71 -63.30	139.75 3.23 -44.24	133.11 4.25 -7.49	125.84 4.11 -4.32	123.17 3.93 0.00	121.78 4.00 -0.30	117.34 3.86 0.00	126.54 4.16 0.00	140.58 4.75 0.00	161.30 3.25 -65.02	157.67 3.69 -51.20	153.37 3.31 -55.48	142.96 4.42 -15.54	134.27 4.34 -5.76	121.74 3.74 -1.00	110.43 3.23 -3.19

GILBOA___3 23758	116.13 2.85 -18.11	105.27 2.84 -13.78	100.28 2.81 -9.47	98.79 2.64 -13.70	98.96 2.83 -4.95	97.30 2.75 -2.91	132.71 2.56 -50.05	166.64 2.31 -92.02	145.77 2.71 -63.30	139.75 3.23 -44.24	133.11 4.25 -7.49	125.84 4.11 -4.32	123.17 3.93 0.00	121.78 4.00 -0.30	117.34 3.86 0.00	126.54 4.16 0.00	140.58 4.75 0.00	161.30 3.25 -65.02	157.67 3.69 -51.20	153.37 3.31 -55.48	142.96 4.42 -15.54	134.27 4.34 -5.76	121.74 3.74 -1.00	110.43 3.23 -3.19
GILBOA___4 23759	116.13 2.85 -18.11	105.27 2.84 -13.78	100.28 2.81 -9.47	98.79 2.64 -13.70	98.96 2.83 -4.95	97.30 2.75 -2.91	132.71 2.56 -50.05	166.64 2.31 -92.02	145.77 2.71 -63.30	139.75 3.23 -44.24	133.11 4.25 -7.49	125.84 4.11 -4.32	123.17 3.93 0.00	121.78 4.00 -0.30	117.34 3.86 0.00	126.54 4.16 0.00	140.58 4.75 0.00	161.30 3.25 -65.02	157.67 3.69 -51.20	153.37 3.31 -55.48	142.96 4.42 -15.54	134.27 4.34 -5.76	121.74 3.74 -1.00	110.43 3.23 -3.19
GILBOA___ 23599	116.13 2.85 -18.11	105.27 2.84 -13.78	100.19 2.73 -9.47	98.79 2.64 -13.70	98.96 2.83 -4.95	97.30 2.75 -2.91	132.71 2.56 -50.05	166.64 2.31 -92.02	145.77 2.71 -63.30	139.75 3.23 -44.24	133.11 4.25 -7.49	125.84 4.11 -4.32	123.18 3.93 0.00	121.78 3.99 -0.30	117.33 3.86 0.00	126.54 4.16 0.00	140.59 4.75 0.00	161.30 3.26 -65.02	157.67 3.70 -51.20	153.37 3.31 -55.48	142.96 4.43 -15.53	134.27 4.35 -5.76	121.74 3.74 -1.00	110.42 3.22 -3.19
GINNA___ 23603	86.81 -9.42 -1.06	79.24 -9.84 -0.43	79.08 -9.41 -0.51	74.46 -8.74 -0.75	82.00 -9.39 -0.21	83.11 -8.52 0.00	77.59 -7.29 -4.78	76.44 -6.87 -11.00	77.65 -7.73 -5.63	84.88 -9.14 -1.73	87.56 -12.25 21.56	86.30 -11.74 19.38	86.41 -12.04 20.79	84.11 -11.75 21.63	80.63 -11.91 20.93	87.98 -12.48 21.91	96.84 -13.86 25.13	87.83 -8.75 -3.55	91.64 -9.77 1.37	85.87 -9.17 -0.47	99.80 -12.55 10.65	91.32 -13.04 19.80	94.34 -12.28 10.38	92.83 -11.23 -0.06
GLEN PARK___ 23778	98.22 2.09 -0.97	91.34 1.95 -0.74	90.04 1.59 -0.46	84.29 1.15 -0.68	92.29 0.91 -0.20	93.20 1.56 -0.01	84.98 2.49 -2.40	79.82 2.82 -4.70	85.25 3.03 -2.47	97.73 3.14 -2.31	126.01 4.25 -0.39	121.29 3.64 -0.23	122.81 3.57 0.00	121.26 3.76 -0.02	116.88 3.40 0.00	126.91 4.53 0.00	140.99 5.16 0.00	100.59 4.47 -3.10	110.07 5.14 -2.16	101.97 4.54 -2.85	129.09 5.29 -0.81	129.18 4.72 -0.30	121.21 4.21 0.00	107.49 3.43 -0.06
GLENDALE_27_KV_LOAD 356172	119.67 5.71 -18.79	107.74 4.79 -14.30	102.75 4.49 -10.28	101.43 4.21 -14.77	101.63 4.56 -5.88	101.38 5.13 -4.61	140.04 5.05 -54.90	174.05 6.22 -96.61	154.91 6.22 -68.93	145.38 7.20 -45.91	140.10 9.35 -9.38	130.94 9.04 -4.48	129.25 8.70 -1.30	128.12 8.69 -1.94	121.87 8.40 0.00	131.19 8.81 0.00	145.75 9.92 0.00	168.41 7.16 -68.22	165.25 8.02 -54.46	159.54 7.28 -57.67	148.22 9.10 -16.12	139.08 8.94 -5.98	125.75 7.14 -1.62	118.46 6.34 -8.11
GLENWOOD_IC_1_G5 23712	120.61 6.66 -18.79	108.80 5.85 -14.30	104.16 5.90 -10.27	102.74 5.52 -14.76	108.32 6.11 -11.03	116.12 6.51 -17.98	141.14 6.17 -54.88	174.78 5.93 -96.54	155.68 7.02 -68.91	145.83 7.66 -45.89	139.37 10.07 -7.92	131.64 9.75 -4.48	128.54 9.18 -0.12	126.99 9.05 -0.46	122.90 9.42 0.00	133.87 10.40 -1.09	147.65 11.82 0.00	200.31 8.65 -98.63	176.30 9.56 -63.97	164.18 8.80 -60.80	149.94 10.82 -16.11	140.82 10.68 -5.98	127.39 8.77 -1.61	116.02 7.18 -4.84
GLENWOOD_IC_2_G1 23688	120.61 6.66 -18.79	108.98 6.03 -14.30	104.16 5.90 -10.27	102.74 5.53 -14.76	108.33 6.11 -11.04	116.13 6.51 -17.99	141.06 6.08 -54.88	174.82 5.93 -96.58	155.68 7.02 -68.91	145.82 7.66 -45.89	139.49 10.20 -7.92	131.53 9.63 -4.48	128.55 9.18 -0.12	126.99 9.05 -0.46	122.79 9.31 0.00	134.00 10.53 -1.10	147.52 11.68 0.00	201.60 8.55 -100.02	176.31 9.56 -63.97	164.09 8.70 -60.81	149.94 10.83 -16.11	140.82 10.68 -5.98	127.39 8.78 -1.61	116.02 7.17 -4.84
GLENWOOD_IC_3_G1 23689	120.61 6.66 -18.79	108.98 6.03 -14.30	104.16 5.90 -10.27	102.74 5.53 -14.76	108.33 6.11 -11.04	116.13 6.51 -17.99	141.06 6.08 -54.88	174.82 5.93 -96.58	155.68 7.02 -68.91	145.82 7.66 -45.89	139.49 10.20 -7.92	131.53 9.63 -4.48	128.55 9.18 -0.12	126.99 9.05 -0.46	122.79 9.31 0.00	134.00 10.53 -1.10	147.52 11.68 0.00	201.60 8.55 -100.02	176.31 9.56 -63.97	164.09 8.70 -60.81	149.94 10.83 -16.11	140.82 10.68 -5.98	127.39 8.78 -1.61	116.02 7.17 -4.84
GLENWOOD___4 23550	120.71 6.76 -18.79	108.89 5.94 -14.30	104.25 5.98 -10.27	102.82 5.61 -14.76	108.42 6.20 -11.03	116.21 6.60 -17.98	141.30 6.33 -54.88	174.85 6.00 -96.54	155.76 7.10 -68.91	146.01 7.84 -45.89	139.49 10.20 -7.92	131.76 9.86 -4.48	128.66 9.30 -0.12	127.23 9.28 -0.46	123.01 9.53 0.00	133.99 10.52 -1.09	147.79 11.95 0.00	200.40 8.74 -98.63	176.50 9.76 -63.97	164.28 8.89 -60.80	150.06 10.95 -16.11	140.94 10.80 -5.98	127.51 8.89 -1.61	116.13 7.28 -4.84
GLENWOOD___5 23614	120.71 6.76 -18.79	108.89 5.94 -14.30	104.25 5.98 -10.27	102.82 5.61 -14.76	108.42 6.20 -11.03	116.21 6.60 -17.98	141.30 6.33 -54.88	174.85 6.00 -96.54	155.76 7.10 -68.91	146.01 7.84 -45.89	139.49 10.20 -7.92	131.76 9.86 -4.48	128.66 9.30 -0.12	127.23 9.28 -0.46	123.01 9.53 0.00	133.99 10.52 -1.09	147.79 11.95 0.00	200.40 8.74 -98.63	176.50 9.76 -63.97	164.28 8.89 -60.80	150.06 10.95 -16.11	140.94 10.80 -5.98	127.51 8.89 -1.61	116.13 7.28 -4.84
GLOBAL GREEN_PORT_GT1 23814	125.18 11.22 -18.79	113.76 10.81 -14.30	108.99 10.73 -10.27	107.19 9.97 -14.76	113.25 11.03 -11.04	121.45 11.83 -17.99	145.38 10.41 -54.88	179.32 10.56 -96.45	160.62 11.96 -68.91	150.16 11.99 -45.89	145.91 16.63 -7.91	137.39 15.50 -4.48	133.06 13.71 -0.11	131.56 13.62 -0.45	128.69 15.21 0.00	140.97 17.50 -1.10	155.81 19.97 0.00	202.98 14.69 -95.26	183.39 16.65 -63.97	170.63 15.23 -60.81	157.93 18.82 -16.11	148.51 18.37 -5.98	134.18 15.56 -1.61	121.40 12.58 -4.82
GLOBE___DSASP 323697	82.59 -13.51 -0.94	75.00 -13.74 -0.08	74.44 -13.99 -0.44	70.91 -12.20 -0.65	78.14 -13.22 -0.18	79.35 -12.28 0.01	71.83 -9.77 -1.50	65.20 -9.54 -2.44	66.08 -10.93 2.75	71.93 -12.73 7.62	66.79 -17.60 36.99	66.59 -16.91 33.91	66.53 -17.05 35.66	64.51 -16.68 36.29	62.23 -16.34 34.91	68.13 -16.77 37.48	67.48 -20.65 47.70	76.15 -13.12 3.76	73.59 -14.29 14.90	66.34 -13.71 14.53	74.39 -18.33 30.29	72.82 -18.50 32.84	82.95 -16.97 17.09	88.55 -15.50 -0.04
GOETHSLN___LBMP 323567	47.98 4.66 51.85	39.71 3.90 52.84	39.80 3.78 51.98	38.48 3.55 47.52	38.57 3.92 56.53	39.71 4.31 56.23	75.73 4.33 8.70	110.84 4.34 -34.19	91.53 5.26 -6.51	81.93 6.09 16.44	64.45 7.89 64.81	55.84 7.63 69.21	53.69 7.27 72.83	52.47 7.28 72.30	58.12 7.15 62.50	58.46 7.59 71.50	70.30 8.69 74.23	88.01 6.33 11.34	86.69 7.09 23.17	82.20 6.43 18.81	71.12 7.99 59.88	63.83 7.82 68.16	58.59 6.20 64.61	70.12 5.30 39.20
GOLAH___69_KV_TB 1_2 80279	89.24 -6.95 -1.02	81.47 -7.54 -0.36	80.82 -7.66 -0.49	76.74 -6.43 -0.72	84.54 -6.84 -0.20	85.86 -5.77 0.00	79.47 -4.89 -4.26	76.97 -4.99 -9.65	79.86 -5.74 -5.85	85.63 -6.83 -0.18	87.23 -9.59 24.56	86.08 -9.16 22.18	86.15 -9.42 23.67	83.84 -9.16 24.49	80.51 -9.31 23.66	88.27 -9.18 24.93	95.74 -10.73 29.36	89.54 -6.42 -2.94	93.23 -6.99 2.56	85.93 -6.62 2.03	99.51 -9.35 14.14	91.99 -9.81 22.37	96.18 -9.13 11.70	95.84 -8.22 -0.05

GOODYEAR_LAKE_HYD 323669	104.02 3.05 -5.81	95.91 2.84 -4.42	97.50 2.64 -6.87	94.06 2.47 -9.13	101.78 2.64 -7.95	109.17 3.02 -14.52	124.70 3.28 -41.32	114.67 3.25 -39.11	135.87 3.67 -52.44	110.44 3.97 -14.19	129.02 5.22 -2.43	123.64 4.81 -1.41	123.80 4.53 -0.03	122.19 4.58 -0.12	117.93 4.43 -0.03	127.55 5.14 -0.03	142.12 6.25 -0.04	126.89 4.74 -29.12	139.26 5.45 -31.04	118.47 4.92 -18.98	133.92 5.90 -5.02	131.62 5.59 -1.87	127.06 4.80 -5.27	119.23 3.95 -11.27
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	98.49 -1.52 -4.85	90.54 -1.42 -3.31	89.28 -1.58 -2.88	85.06 -1.48 -4.09	91.34 -1.73 -1.89	92.16 -1.47 -1.99	97.05 -0.88 -17.84	103.05 -0.51 -31.25	102.34 -0.64 -23.22	102.32 -0.92 -10.96	99.94 -1.34 20.10	97.45 -1.41 18.56	96.80 -1.55 20.89	94.29 -1.53 21.67	90.97 -1.48 21.04	99.02 -1.35 22.02	109.27 -1.36 25.20	110.91 -0.56 -18.44	116.01 -0.41 -13.65	106.32 -0.57 -12.31	114.52 -1.11 7.37	104.11 -1.37 18.69	105.76 -1.52 9.72	104.42 -1.35 -1.77
GOUDEY___7 23579	98.49 -1.52 -4.85	90.54 -1.42 -3.31	89.28 -1.58 -2.88	85.06 -1.48 -4.09	91.34 -1.73 -1.89	92.16 -1.47 -1.99	97.05 -0.88 -17.84	103.05 -0.51 -31.25	102.34 -0.64 -23.22	102.32 -0.92 -10.96	99.94 -1.34 20.10	97.45 -1.41 18.56	96.80 -1.55 20.89	94.29 -1.53 21.67	90.97 -1.48 21.04	99.02 -1.35 22.02	109.27 -1.36 25.20	110.91 -0.56 -18.44	116.01 -0.41 -13.65	106.32 -0.57 -12.31	114.52 -1.11 7.37	104.11 -1.37 18.69	105.76 -1.52 9.72	104.42 -1.35 -1.77
GOUDEY___8 23580	98.49 -1.52 -4.85	90.54 -1.42 -3.31	89.28 -1.58 -2.88	85.06 -1.48 -4.09	91.34 -1.73 -1.89	92.16 -1.47 -1.99	97.05 -0.88 -17.84	103.05 -0.51 -31.25	102.34 -0.64 -23.22	102.32 -0.92 -10.96	99.94 -1.34 20.10	97.45 -1.41 18.56	96.80 -1.55 20.89	94.29 -1.53 21.67	90.97 -1.48 21.04	99.02 -1.35 22.02	109.27 -1.36 25.20	110.91 -0.56 -18.44	116.01 -0.41 -13.65	106.32 -0.57 -12.31	114.52 -1.11 7.37	104.11 -1.37 18.69	105.76 -1.52 9.72	104.42 -1.35 -1.77
GOWANUS_GT1_1 24077	129.32 5.52 -28.64	125.29 4.52 -32.11	102.55 4.22 -10.33	101.18 3.96 -14.77	101.35 4.29 -5.88	101.07 4.76 -4.67	146.40 4.73 -61.57	184.79 4.84 -107.63	165.81 5.90 -80.15	156.29 6.83 -57.18	146.34 8.74 -16.22	133.13 8.57 -7.14	134.23 8.11 -6.88	134.61 8.22 -8.90	121.36 7.83 -0.06	130.33 7.95 0.00	144.39 8.56 0.00	167.58 6.33 -68.22	164.33 7.09 -54.46	158.78 6.53 -57.67	147.11 7.99 -16.12	138.34 8.19 -5.98	125.05 6.43 -1.62	133.46 6.03 -23.42
GOWANUS_GT1_2 24078	129.32 5.52 -28.64	125.29 4.52 -32.11	102.55 4.22 -10.33	101.18 3.96 -14.77	101.35 4.29 -5.88	101.07 4.76 -4.67	146.40 4.73 -61.57	184.79 4.84 -107.63	165.81 5.90 -80.15	156.29 6.83 -57.18	146.34 8.74 -16.22	133.13 8.57 -7.14	134.23 8.11 -6.88	134.61 8.22 -8.90	121.36 7.83 -0.06	130.33 7.95 0.00	144.39 8.56 0.00	167.58 6.33 -68.22	164.33 7.09 -54.46	158.78 6.53 -57.67	147.11 7.99 -16.12	138.34 8.19 -5.98	125.05 6.43 -1.62	133.46 6.03 -23.42
GOWANUS_GT1_3 24079	129.32 5.52 -28.64	125.29 4.52 -32.11	102.55 4.22 -10.33	101.18 3.96 -14.77	101.35 4.29 -5.88	101.07 4.76 -4.67	146.40 4.73 -61.57	184.79 4.84 -107.63	165.81 5.90 -80.15	156.29 6.83 -57.18	146.34 8.74 -16.22	133.13 8.57 -7.14	134.23 8.11 -6.88	134.61 8.22 -8.90	121.36 7.83 -0.06	130.33 7.95 0.00	144.39 8.56 0.00	167.58 6.33 -68.22	164.33 7.09 -54.46	158.78 6.53 -57.67	147.11 7.99 -16.12	138.34 8.19 -5.98	125.05 6.43 -1.62	133.46 6.03 -23.42
GOWANUS_GT1_4 24080	129.32 5.52 -28.64	125.29 4.52 -32.11	102.55 4.22 -10.33	101.18 3.96 -14.77	101.35 4.29 -5.88	101.07 4.76 -4.67	146.40 4.73 -61.57	184.79 4.84 -107.63	165.81 5.90 -80.15	156.29 6.83 -57.18	146.34 8.74 -16.22	133.13 8.57 -7.14	134.23 8.11 -6.88	134.61 8.22 -8.90	121.36 7.83 -0.06	130.33 7.95 0.00	144.39 8.56 0.00	167.58 6.33 -68.22	164.33 7.09 -54.46	158.78 6.53 -57.67	147.11 7.99 -16.12	138.34 8.19 -5.98	125.05 6.43 -1.62	133.46 6.03 -23.42
GOWANUS_GT1_5 24084	129.32 5.52 -28.64	125.29 4.52 -32.11	102.55 4.22 -10.33	101.18 3.96 -14.77	101.35 4.29 -5.88	101.07 4.76 -4.67	146.40 4.73 -61.57	184.79 4.84 -107.63	165.81 5.90 -80.15	156.29 6.83 -57.18	146.34 8.74 -16.22	133.13 8.57 -7.14	134.23 8.11 -6.88	134.61 8.22 -8.90	121.36 7.83 -0.06	130.33 7.95 0.00	144.39 8.56 0.00	167.58 6.33 -68.22	164.33 7.09 -54.46	158.78 6.53 -57.67	147.11 7.99 -16.12	138.34 8.19 -5.98	125.05 6.43 -1.62	133.46 6.03 -23.42
GOWANUS_GT1_6 24111	129.32 5.52 -28.64	125.29 4.52 -32.11	102.55 4.22 -10.33	101.18 3.96 -14.77	101.35 4.29 -5.88	101.07 4.76 -4.67	146.40 4.73 -61.57	184.79 4.84 -107.63	165.81 5.90 -80.15	156.29 6.83 -57.18	146.34 8.74 -16.22	133.13 8.57 -7.14	134.23 8.11 -6.88	134.61 8.22 -8.90	121.36 7.83 -0.06	130.33 7.95 0.00	144.39 8.56 0.00	167.58 6.33 -68.22	164.33 7.09 -54.46	158.78 6.53 -57.67	147.11 7.99 -16.12	138.34 8.19 -5.98	125.05 6.43 -1.62	133.46 6.03 -23.42
GOWANUS_GT1_7 24112	129.32 5.52 -28.64	125.29 4.52 -32.11	102.55 4.22 -10.33	101.18 3.96 -14.77	101.35 4.29 -5.88	101.07 4.76 -4.67	146.40 4.73 -61.57	184.79 4.84 -107.63	165.81 5.90 -80.15	156.29 6.83 -57.18	146.34 8.74 -16.22	133.13 8.57 -7.14	134.23 8.11 -6.88	134.61 8.22 -8.90	121.36 7.83 -0.06	130.33 7.95 0.00	144.39 8.56 0.00	167.58 6.33 -68.22	164.33 7.09 -54.46	158.78 6.53 -57.67	147.11 7.99 -16.12	138.34 8.19 -5.98	125.05 6.43 -1.62	133.46 6.03 -23.42
GOWANUS_GT1_8 24113	129.32 5.52 -28.64	125.29 4.52 -32.11	102.55 4.22 -10.33	101.18 3.96 -14.77	101.35 4.29 -5.88	101.07 4.76 -4.67	146.40 4.73 -61.57	184.79 4.84 -107.63	165.81 5.90 -80.15	156.29 6.83 -57.18	146.34 8.74 -16.22	133.13 8.57 -7.14	134.23 8.11 -6.88	134.61 8.22 -8.90	121.36 7.83 -0.06	130.33 7.95 0.00	144.39 8.56 0.00	167.58 6.33 -68.22	164.33 7.09 -54.46	158.78 6.53 -57.67	147.11 7.99 -16.12	138.34 8.19 -5.98	125.05 6.43 -1.62	133.46 6.03 -23.42
GOWANUS_GT2_1 24114	129.13 5.33 -28.64	125.29 4.52 -32.11	102.55 4.22 -10.33	101.18 3.96 -14.77	101.35 4.29 -5.88	101.06 4.76 -4.67	146.48 4.81 -61.57	184.79 4.85 -107.63	165.81 5.90 -80.15	156.29 6.83 -57.18	149.62 8.86 -19.39	133.12 8.57 -7.14	136.81 8.11 -9.46	137.83 8.22 -12.12	121.36 7.82 -0.06	130.58 8.20 0.00	144.40 8.56 0.00	167.58 6.33 -68.23	164.32 7.09 -54.46	158.78 6.52 -57.68	147.11 7.99 -16.12	138.34 8.19 -5.98	125.05 6.43 -1.62	140.57 6.03 -30.53
GOWANUS_GT2_2 24115	129.13 5.33 -28.64	125.29 4.52 -32.11	102.55 4.22 -10.33	101.18 3.96 -14.77	101.35 4.29 -5.88	101.06 4.76 -4.67	146.48 4.81 -61.57	184.79 4.85 -107.63	165.81 5.90 -80.15	156.29 6.83 -57.18	149.62 8.86 -19.39	133.12 8.57 -7.14	136.81 8.11 -9.46	137.83 8.22 -12.12	121.36 7.82 -0.06	130.58 8.20 0.00	144.40 8.56 0.00	167.58 6.33 -68.23	164.32 7.09 -54.46	158.78 6.52 -57.68	147.11 7.99 -16.12	138.34 8.19 -5.98	125.05 6.43 -1.62	140.57 6.03 -30.53
GOWANUS_GT2_3 24116	129.13 5.33 -28.64	125.29 4.52 -32.11	102.55 4.22 -10.33	101.18 3.96 -14.77	101.35 4.29 -5.88	101.06 4.76 -4.67	146.48 4.81 -61.57	184.79 4.85 -107.63	165.81 5.90 -80.15	156.29 6.83 -57.18	149.62 8.86 -19.39	133.12 8.57 -7.14	136.81 8.11 -9.46	137.83 8.22 -12.12	121.36 7.82 -0.06	130.58 8.20 0.00	144.40 8.56 0.00	167.58 6.33 -68.23	164.32 7.09 -54.46	158.78 6.52 -57.68	147.11 7.99 -16.12	138.34 8.19 -5.98	125.05 6.43 -1.62	140.57 6.03 -30.53

GOWANUS_GT2_4 24117	129.13 5.33 -28.64	125.29 4.52 -32.11	102.55 4.22 -10.33	101.18 3.96 -14.77	101.35 4.29 -5.88	101.06 4.76 -4.67	146.48 4.81 -61.57	184.79 4.85 -107.63	165.81 5.90 -80.15	156.29 6.83 -57.18	149.62 8.86 -19.39	133.12 8.57 -7.14	136.81 8.11 -9.46	137.83 8.22 -12.12	121.36 7.82 -0.06	130.58 8.20 0.00	144.40 8.56 0.00	167.58 6.33 -68.23	164.32 7.09 -54.46	158.78 6.52 -57.68	147.11 7.99 -16.12	138.34 8.19 -5.98	125.05 6.43 -1.62	140.57 6.03 -30.53
GOWANUS_GT2_5 24118	129.13 5.33 -28.64	125.29 4.52 -32.11	102.55 4.22 -10.33	101.18 3.96 -14.77	101.35 4.29 -5.88	101.06 4.76 -4.67	146.48 4.81 -61.57	184.79 4.85 -107.63	165.81 5.90 -80.15	156.29 6.83 -57.18	149.62 8.86 -19.39	133.12 8.57 -7.14	136.81 8.11 -9.46	137.83 8.22 -12.12	121.36 7.82 -0.06	130.58 8.20 0.00	144.40 8.56 0.00	167.58 6.33 -68.23	164.32 7.09 -54.46	158.78 6.52 -57.68	147.11 7.99 -16.12	138.34 8.19 -5.98	125.05 6.43 -1.62	140.57 6.03 -30.53
GOWANUS_GT2_6 24119	129.13 5.33 -28.64	125.29 4.52 -32.11	102.55 4.22 -10.33	101.18 3.96 -14.77	101.35 4.29 -5.88	101.06 4.76 -4.67	146.48 4.81 -61.57	184.79 4.85 -107.63	165.81 5.90 -80.15	156.29 6.83 -57.18	149.62 8.86 -19.39	133.12 8.57 -7.14	136.81 8.11 -9.46	137.83 8.22 -12.12	121.36 7.82 -0.06	130.58 8.20 0.00	144.40 8.56 0.00	167.58 6.33 -68.23	164.32 7.09 -54.46	158.78 6.52 -57.68	147.11 7.99 -16.12	138.34 8.19 -5.98	125.05 6.43 -1.62	140.57 6.03 -30.53
GOWANUS_GT2_7 24120	129.13 5.33 -28.64	125.29 4.52 -32.11	102.55 4.22 -10.33	101.18 3.96 -14.77	101.35 4.29 -5.88	101.06 4.76 -4.67	146.48 4.81 -61.57	184.79 4.85 -107.63	165.81 5.90 -80.15	156.29 6.83 -57.18	149.62 8.86 -19.39	133.12 8.57 -7.14	136.81 8.11 -9.46	137.83 8.22 -12.12	121.36 7.82 -0.06	130.58 8.20 0.00	144.40 8.56 0.00	167.58 6.33 -68.23	164.32 7.09 -54.46	158.78 6.52 -57.68	147.11 7.99 -16.12	138.34 8.19 -5.98	125.05 6.43 -1.62	140.57 6.03 -30.53
GOWANUS_GT2_8 24121	129.13 5.33 -28.64	125.29 4.52 -32.11	102.55 4.22 -10.33	101.18 3.96 -14.77	101.35 4.29 -5.88	101.06 4.76 -4.67	146.48 4.81 -61.57	184.79 4.85 -107.63	165.81 5.90 -80.15	156.29 6.83 -57.18	149.62 8.86 -19.39	133.12 8.57 -7.14	136.81 8.11 -9.46	137.83 8.22 -12.12	121.36 7.82 -0.06	130.58 8.20 0.00	144.40 8.56 0.00	167.58 6.33 -68.23	164.32 7.09 -54.46	158.78 6.52 -57.68	147.11 7.99 -16.12	138.34 8.19 -5.98	125.05 6.43 -1.62	140.57 6.03 -30.53
GOWANUS_GT3_1 24122	129.13 5.33 -28.64	125.29 4.52 -32.11	102.55 4.22 -10.33	101.18 3.96 -14.77	101.35 4.29 -5.88	101.06 4.76 -4.67	146.48 4.81 -61.57	184.79 4.85 -107.63	165.81 5.90 -80.15	156.29 6.83 -57.18	146.46 8.86 -16.22	133.12 8.57 -7.14	134.24 8.11 -6.88	134.61 8.22 -8.90	121.36 7.82 -0.06	130.58 8.20 0.00	144.40 8.56 0.00	167.58 6.33 -68.23	164.32 7.09 -54.46	158.78 6.52 -57.68	147.11 7.99 -16.12	138.34 8.19 -5.98	125.05 6.43 -1.62	133.45 6.03 -23.42
GOWANUS_GT3_2 24123	129.13 5.33 -28.64	125.29 4.52 -32.11	102.55 4.22 -10.33	101.18 3.96 -14.77	101.35 4.29 -5.88	101.06 4.76 -4.67	146.48 4.81 -61.57	184.79 4.85 -107.63	165.81 5.90 -80.15	156.29 6.83 -57.18	146.46 8.86 -16.22	133.12 8.57 -7.14	134.24 8.11 -6.88	134.61 8.22 -8.90	121.36 7.82 -0.06	130.58 8.20 0.00	1							

GOWANUS_GT4_3 24132	129.32 5.52 -28.64	125.29 4.52 -32.11	102.55 4.22 -10.33	101.18 3.96 -14.77	101.35 4.29 -5.88	101.07 4.76 -4.67	146.40 4.73 -61.57	184.79 4.84 -107.63	165.81 5.90 -80.15	156.29 6.83 -57.18	149.50 8.74 -19.39	133.13 8.57 -7.14	136.81 8.11 -9.46	137.83 8.22 -12.12	121.36 7.83 -0.06	130.33 7.95 0.00	144.39 8.56 0.00	167.58 6.33 -68.22	164.33 7.09 -54.46	158.78 6.53 -57.67	147.11 7.99 -16.12	138.34 8.19 -5.98	125.05 6.43 -1.62	140.57 6.03 -30.53
GOWANUS_GT4_4 24133	129.32 5.52 -28.64	125.29 4.52 -32.11	102.55 4.22 -10.33	101.18 3.96 -14.77	101.35 4.29 -5.88	101.07 4.76 -4.67	146.40 4.73 -61.57	184.79 4.84 -107.63	165.81 5.90 -80.15	156.29 6.83 -57.18	149.50 8.74 -19.39	133.13 8.57 -7.14	136.81 8.11 -9.46	137.83 8.22 -12.12	121.36 7.83 -0.06	130.33 7.95 0.00	144.39 8.56 0.00	167.58 6.33 -68.22	164.33 7.09 -54.46	158.78 6.53 -57.67	147.11 7.99 -16.12	138.34 8.19 -5.98	125.05 6.43 -1.62	140.57 6.03 -30.53
GOWANUS_GT4_5 24134	129.32 5.52 -28.64	125.29 4.52 -32.11	102.55 4.22 -10.33	101.18 3.96 -14.77	101.35 4.29 -5.88	101.07 4.76 -4.67	146.40 4.73 -61.57	184.79 4.84 -107.63	165.81 5.90 -80.15	156.29 6.83 -57.18	149.50 8.74 -19.39	133.13 8.57 -7.14	136.81 8.11 -9.46	137.83 8.22 -12.12	121.36 7.83 -0.06	130.33 7.95 0.00	144.39 8.56 0.00	167.58 6.33 -68.22	164.33 7.09 -54.46	158.78 6.53 -57.67	147.11 7.99 -16.12	138.34 8.19 -5.98	125.05 6.43 -1.62	140.57 6.03 -30.53
GOWANUS_GT4_6 24135	129.32 5.52 -28.64	125.29 4.52 -32.11	102.55 4.22 -10.33	101.18 3.96 -14.77	101.35 4.29 -5.88	101.07 4.76 -4.67	146.40 4.73 -61.57	184.79 4.84 -107.63	165.81 5.90 -80.15	156.29 6.83 -57.18	149.50 8.74 -19.39	133.13 8.57 -7.14	136.81 8.11 -9.46	137.83 8.22 -12.12	121.36 7.83 -0.06	130.33 7.95 0.00	144.39 8.56 0.00	167.58 6.33 -68.22	164.33 7.09 -54.46	158.78 6.53 -57.67	147.11 7.99 -16.12	138.34 8.19 -5.98	125.05 6.43 -1.62	140.57 6.03 -30.53
GOWANUS_GT4_7 24136	129.32 5.52 -28.64	125.29 4.52 -32.11	102.55 4.22 -10.33	101.18 3.96 -14.77	101.35 4.29 -5.88	101.07 4.76 -4.67	146.40 4.73 -61.57	184.79 4.84 -107.63	165.81 5.90 -80.15	156.29 6.83 -57.18	149.50 8.74 -19.39	133.13 8.57 -7.14	136.81 8.11 -9.46	137.83 8.22 -12.12	121.36 7.83 -0.06	130.33 7.95 0.00	144.39 8.56 0.00	167.58 6.33 -68.22	164.33 7.09 -54.46	158.78 6.53 -57.67	147.11 7.99 -16.12	138.34 8.19 -5.98	125.05 6.43 -1.62	140.57 6.03 -30.53
GOWANUS_GT4_8 24137	129.32 5.52 -28.64	125.29 4.52 -32.11	102.55 4.22 -10.33	101.18 3.96 -14.77	101.35 4.29 -5.88	101.07 4.76 -4.67	146.40 4.73 -61.57	184.79 4.84 -107.63	165.81 5.90 -80.15	156.29 6.83 -57.18	149.50 8.74 -19.39	133.13 8.57 -7.14	136.81 8.11 -9.46	137.83 8.22 -12.12	121.36 7.83 -0.06	130.33 7.95 0.00	144.39 8.56 0.00	167.58 6.33 -68.22	164.33 7.09 -54.46	158.78 6.53 -57.67	147.11 7.99 -16.12	138.34 8.19 -5.98	125.05 6.43 -1.62	140.57 6.03 -30.53
GREENBSH_115KV_TB3 55895	121.22 3.14 -22.92	109.11 3.01 -17.44	108.37 3.08 -17.30	109.16 2.80 -23.90	109.29 3.01 -15.10	117.09 2.93 -22.52	180.72 2.24 -98.38	204.08 2.02 -129.75	200.95 2.39 -118.80	151.03 2.77 -55.98	134.74 3.88 -9.48	126.87 3.99 -5.47	123.30 4.05 0.00	122.21 4.35 -0.37	116.88 3.40 0.00	125.56 3.18 0.00	138.82 2.99 0.00	186.19 1.86 -91.31	185.58 2.06 -80.75	167.84 1.80 -71.46	144.99 2.34 -19.66	134.19 2.73 -7.29	128.50 3.39 -8.11	125.69 3.43 -18.25
GREENIDGE_115KV_TB5 80291	88.49 -3.81 2.87	80.31 -3.99 4.35	82.76 -4.14 1.09	77.01 -3.79 1.65	86.97 -4.10 0.11	89.27 -3.39 -1.03	92.95 -2.64 -15.49	111.22 -2.24 -41.16	114.28 -2.95 -37.48	92.94 -3.05 -3.70	-7.76 -3.88 125.25	3.59 -3.99 109.83	-1.63 -4.29 116.58	-9.64 -4.11 123.01	-9.91 -4.09 119.31	-4.72 -4.04 123.06	0.52 -4.08 131.24	97.95 -2.98 -7.90	97.95 -3.08 1.74	93.03 -2.84 -1.29	74.05 -4.06 44.89	3.96 -4.10 116.11	53.58 -4.45 58.97	99.83 -4.78 -0.61
GREENIDGE___3 23582	88.49 -3.81 2.87	80.31 -3.99 4.35	82.76 -4.14 1.09	77.01 -3.79 1.65	86.97 -4.10 0.11	89.27 -3.39 -1.03	92.95 -2.64 -15.49	111.22 -2.24 -41.16	114.28 -2.95 -37.48	92.94 -3.05 -3.70	-7.76 -3.88 125.25	3.59 -3.99 109.83	-1.63 -4.29 116.58	-9.64 -4.11 123.01	-9.91 -4.09 119.31	-4.72 -4.04 123.06	0.52 -4.08 131.24	97.95 -2.98 -7.90	97.95 -3.08 1.74	93.03 -2.84 -1.29	74.05 -4.06 44.89	3.96 -4.10 116.11	53.58 -4.45 58.97	99.83 -4.78 -0.61
GREENIDGE___4 23583	88.49 -3.81 2.87	80.31 -3.99 4.35	82.94 -3.96 1.09	77.01 -3.79 1.65	86.97 -4.10 0.11	89.27 -3.39 -1.03	92.95 -2.64 -15.49	111.24 -2.24 -41.18	114.30 -2.95 -37.49	92.95 -3.04 -3.71	-7.76 -3.89 125.25	3.59 -3.99 109.83	-1.62 -4.29 116.58	-9.64 -4.12 123.01	-9.91 -4.08 119.31	-4.72 -4.04 123.06	0.38 -4.21 131.24	97.95 -2.98 -7.90	97.95 -3.08 1.74	92.95 -2.93 -1.30	74.05 -4.06 44.89	3.96 -4.09 116.11	53.58 -4.45 58.97	99.83 -4.78 -0.61
GREENLWN_69_KV_BK 3 55738	121.28 7.33 -18.79	109.42 6.47 -14.30	104.77 6.51 -10.27	103.32 6.10 -14.76	109.05 6.84 -11.03	116.85 7.24 -17.98	141.78 6.81 -54.88	175.05 6.29 -96.45	156.08 7.42 -68.91	146.38 8.21 -45.89	140.09 10.80 -7.91	132.35 10.45 -4.48	129.13 9.78 -0.11	127.69 9.75 -0.45	123.58 10.10 0.00	134.85 11.38 -1.09	148.47 12.63 0.00	197.26 9.02 -95.21	176.81 10.07 -63.97	164.65 9.27 -60.80	150.68 11.56 -16.11	141.81 11.67 -5.98	128.33 9.71 -1.61	116.74 7.90 -4.82
GREENWD_138_KV_38B11_REV_LBMP_J 345004	129.32 5.52 -28.64	125.29 4.52 -32.11	102.55 4.22 -10.33	101.18 3.96 -14.77	101.35 4.29 -5.88	101.07 4.76 -4.67	146.40 4.73 -61.57	184.79 4.84 -107.63	165.81 5.90 -80.15	156.29 6.83 -57.18	146.34 8.74 -16.22	133.13 8.57 -7.14	134.23 8.11 -6.88	134.61 8.22 -8.90	121.36 7.83 -0.06	130.33 7.95 0.00	144.39 8.56 0.00	167.58 6.33 -68.22	164.33 7.09 -54.46	158.78 6.53 -57.67	147.11 7.99 -16.12	138.34 8.19 -5.98	125.05 6.43 -1.62	133.46 6.03 -23.42
GRISSOM___SOLAR 323813	126.74 6.18 -25.39	113.73 5.76 -19.32	119.37 5.72 -25.67	122.41 5.44 -34.51	124.73 6.02 -27.53	145.87 6.23 -48.00	237.97 6.01 -151.86	237.98 5.64 -160.03	263.24 5.98 -177.50	160.57 6.28 -62.01	139.76 7.88 -10.50	130.40 6.93 -6.05	126.03 6.79 0.00	124.71 6.81 -0.41	120.52 7.04 -0.01	130.33 7.95 0.00	145.88 10.05 0.00	212.07 7.45 -111.60	219.13 8.43 -107.92	182.97 7.76 -80.63	154.49 9.71 -21.78	141.67 9.43 -8.08	142.66 8.31 -17.36	148.58 6.97 -37.60
GROVEVILLE___HYD 323602	120.12 6.09 -18.86	108.42 5.41 -14.35	103.53 5.19 -10.35	102.27 4.95 -14.87	102.71 5.56 -5.97	102.26 5.86 -4.76	141.12 5.69 -55.34	174.79 5.42 -97.06	155.43 6.22 -69.45	145.18 6.83 -46.08	137.80 8.62 -7.80	130.37 8.45 -4.50	127.23 7.99 0.00	125.90 8.11 -0.31	121.53 8.06 0.00	131.07 8.69 0.00	146.29 10.46 0.00	169.19 7.63 -68.54	166.08 8.53 -54.78	160.33 7.85 -57.90	148.90 9.72 -16.18	139.73 9.56 -6.00	126.74 8.07 -1.67	115.70 7.07 -4.62
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	95.36 -1.71 -1.91	88.33 -1.77 -1.45	86.97 -1.94 -0.92	82.06 -1.73 -1.34	89.65 -1.91 -0.39	90.09 -1.56 -0.02	83.71 -1.12 -4.73	80.85 -0.94 -9.48	83.71 -1.04 -4.99	95.55 -1.38 -4.66	120.34 -1.82 -0.79	115.99 -1.88 -0.45	117.33 -1.91 0.00	115.64 -1.88 -0.03	111.55 -1.93 0.00	120.42 -1.96 0.00	133.66 -2.17 0.00	98.17 -1.12 -6.26	106.00 -1.13 -4.36	99.21 -1.13 -5.76	122.79 -1.84 -1.64	122.66 -2.11 -0.61	114.89 -2.11 0.00	102.04 -2.08 -0.12

HAMLTNNY_34_KV_TB 80303	95.39 -1.81 -2.03	88.25 -1.95 -1.55	86.85 -2.11 -0.98	81.99 -1.90 -1.43	89.59 -2.01 -0.41	90.09 -1.56 -0.02	84.02 -1.12 -5.04	81.47 -0.94 -10.10	83.95 -1.12 -5.31	95.86 -1.38 -4.96	120.27 -1.94 -0.84	115.90 -2.00 -0.48	117.21 -2.03 0.00	115.52 -2.00 -0.03	111.43 -2.04 0.00	120.30 -2.08 0.00	133.66 -2.17 0.00	98.58 -1.12 -6.67	106.28 -1.13 -4.64	99.58 -1.13 -6.13	122.77 -1.97 -1.74	122.57 -2.23 -0.65	114.78 -2.22 0.00	101.95 -2.18 -0.12
HAMPSHIRE___PAPER_HYD 323593	96.22 0.57 -0.48	89.81 0.80 -0.36	88.75 0.53 -0.23	83.29 0.50 -0.34	91.37 0.09 -0.10	91.46 -0.18 0.00	81.53 0.24 -1.19	75.07 0.51 -2.25	81.34 0.40 -1.18	93.85 0.46 -1.11	122.05 0.49 -0.19	117.88 0.35 -0.11	119.72 0.48 0.00	117.85 0.35 -0.01	113.82 0.34 0.00	122.62 0.25 0.00	135.83 0.00 0.00	94.70 0.19 -1.49	104.01 0.21 -1.03	96.04 0.09 -1.37	123.39 0.00 -0.39	124.56 0.25 -0.14	117.82 0.82 0.00	105.08 1.04 -0.03
HARDSCRABBLE_WT_PWR 323673	100.87 5.71 0.00	93.53 4.87 0.00	92.83 4.84 0.00	87.32 4.86 0.00	97.02 5.84 0.00	98.24 6.60 0.00	86.18 6.08 0.00	77.66 5.35 0.00	85.10 5.34 0.00	97.72 5.44 0.00	128.05 6.67 0.00	123.40 5.98 0.00	124.85 5.61 0.00	122.78 5.29 0.00	118.59 5.11 0.00	127.64 5.26 0.00	141.95 6.12 0.00	97.49 4.47 0.00	108.01 5.24 0.00	99.40 4.82 0.00	128.90 5.90 0.00	129.88 5.71 0.00	122.62 5.62 0.00	108.90 4.89 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	117.87 5.04 -17.66	106.53 4.43 -13.44	101.87 4.22 -9.65	100.36 4.04 -13.87	101.26 4.56 -5.52	100.80 4.86 -4.31	136.45 4.81 -51.54	167.64 4.56 -90.78	149.84 5.34 -64.74	141.33 5.91 -43.14	136.21 7.53 -7.31	128.91 7.28 -4.21	126.16 6.92 0.00	124.83 7.05 -0.29	120.40 6.92 0.00	129.97 7.59 0.00	144.80 8.96 0.00	163.74 6.60 -64.11	161.24 7.30 -51.17	155.59 6.81 -54.20	146.51 8.36 -15.15	137.85 8.07 -5.62	125.29 6.79 -1.51	114.15 5.93 -4.22
HARSNRAD_115KV_TB1 81005	83.34 -12.75 -0.93	76.15 -12.50 0.01	75.23 -13.20 -0.44	71.89 -11.21 -0.65	79.14 -12.22 -0.17	80.35 -11.27 0.01	72.34 -9.29 -1.53	65.88 -8.97 -2.53	66.62 -10.29 2.85	72.91 -12.09 7.28	68.43 -16.63 36.31	68.14 -15.97 33.31	68.01 -16.22 35.01	66.12 -15.74 35.63	63.55 -15.66 34.26	69.54 -16.03 36.81	69.91 -19.02 46.91	77.17 -12.09 3.77	74.83 -13.15 14.78	67.68 -12.48 14.41	76.27 -16.85 29.88	74.80 -17.13 32.23	84.67 -15.56 16.77	89.90 -14.15 -0.04
HARZA MOOSE___RIVER 24016	97.58 1.81 -0.60	90.80 1.68 -0.46	89.86 1.58 -0.29	84.12 1.24 -0.43	92.49 1.19 -0.12	93.20 1.56 -0.01	83.60 2.00 -1.50	77.34 2.02 -3.01	83.65 2.31 -1.58	96.25 2.49 -1.48	125.02 3.40 -0.25	120.61 3.05 -0.14	122.22 2.98 0.00	120.43 2.94 -0.01	116.20 2.72 0.00	125.80 3.43 0.00	139.50 3.67 0.00	98.08 3.07 -1.99	107.65 3.49 -1.38	99.53 3.12 -1.83	127.21 3.69 -0.52	127.83 3.48 -0.19	120.16 3.16 0.00	106.75 2.70 -0.04
HDSNBRDG_115KV_BRDG_TB1 355580	94.51 -2.38 -1.72	87.48 -2.48 -1.31	86.18 -2.64 -0.83	81.28 -2.39 -1.21	88.98 -2.55 -0.35	89.45 -2.20 -0.02	82.69 -1.68 -4.28	79.36 -1.52 -8.57	82.59 -1.67 -4.51	94.46 -2.03 -4.21	119.42 -2.67 -0.71	115.13 -2.70 -0.41	116.50 -2.74 0.00	114.81 -2.70 -0.03	110.75 -2.72 0.00	119.56 -2.81 0.00	132.71 -3.12 0.00	96.83 -1.86 -5.66	104.76 -1.95 -3.94	97.89 -1.89 -5.21	121.65 -2.83 -1.48	121.61 -3.10 -0.55	113.96 -3.04 0.00	101.20 -2.91 -0.11
HELLGATE_13_KV_LD 55870	119.19 5.23 -18.79	107.30 4.34 -14.30	102.32 4.05 -10.28	101.01 3.79 -14.77	101.17 4.10 -5.88	100.92 4.67 -4.61	139.64 4.65 -54.90	173.62 4.70 -96.61	154.43 5.74 -68.93	144.83 6.64 -45.91	138.95 8.62 -8.95	130.35 8.45 -4.48	128.19 7.99 -0.96	127.10 8.11 -1.51	121.31 7.83 0.00	130.45 8.08 0.00	144.93 9.10 0.00	167.86 6.60 -68.22	164.64 7.40 -54.46	158.97 6.72 -57.67	147.48 8.36 -16.12	138.34 8.19 -5.98	125.17 6.55 -1.62	116.99 5.82 -7.16
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	119.19 5.23 -18.79	107.30 4.34 -14.30	102.32 4.05 -10.28	101.01 3.79 -14.77	101.17 4.10 -5.88	100.92 4.67 -4.61	139.64 4.65 -54.90	173.62 4.70 -96.61	154.43 5.74 -68.93	144.83 6.64 -45.91	138.95 8.62 -8.95	130.35 8.45 -4.48	128.19 7.99 -0.96	127.10 8.11 -1.51	121.31 7.83 0.00	130.45 8.08 0.00	144.93 9.10 0.00	167.86 6.60 -68.22	164.64 7.40 -54.46	158.97 6.72 -57.67	147.48 8.36 -16.12	138.34 8.19 -5.98	125.17 6.55 -1.62	116.99 5.82 -7.16
HEMPSTEAD____ 23647	120.43 6.47 -18.79	108.80 5.85 -14.30	104.07 5.81 -10.27	102.57 5.36 -14.76	108.24 6.02 -11.04	116.03 6.41 -17.99	141.06 6.08 -54.88	174.74 5.93 -96.50	155.60 6.94 -68.91	145.74 7.57 -45.89	139.36 10.07 -7.92	131.40 9.51 -4.48	128.31 8.95 -0.12	126.87 8.92 -0.46	122.67 9.19 0.00	133.87 10.40 -1.10	147.37 11.54 0.00	199.42 8.46 -97.93	176.10 9.35 -63.97	164.00 8.61 -60.81	149.69 10.58 -16.11	140.69 10.55 -5.98	127.27 8.66 -1.61	115.81 6.97 -4.84
HEWLETT_69_KV_BK3 55828	120.90 6.95 -18.79	109.07 6.12 -14.30	104.42 6.16 -10.27	102.99 5.77 -14.76	108.60 6.38 -11.03	116.30 6.69 -17.98	141.14 6.17 -54.88	174.94 5.86 -96.77	155.60 6.94 -68.91	145.74 7.57 -45.89	139.25 9.95 -7.92	131.41 9.51 -4.48	128.42 9.06 -0.12	126.99 9.05 -0.46	122.78 9.31 0.00	133.75 10.28 -1.09	147.51 11.68 0.00	209.46 8.56 -107.88	176.30 9.56 -63.97	164.18 8.80 -60.80	149.94 10.82 -16.11	140.82 10.68 -5.98	127.62 9.01 -1.61	116.23 7.38 -4.84
HICKLING___1 23621	89.37 -4.47 1.32	81.40 -4.26 3.00	83.24 -4.49 0.26	77.80 -4.21 0.45	86.89 -4.65 -0.36	88.68 -4.31 -1.36	90.64 -3.28 -13.83	102.73 -2.46 -32.88	103.45 -2.95 -26.64	86.82 -3.60 1.86	0.49 -5.10 115.79	9.72 -5.17 102.53	5.24 -5.37 108.64	-1.55 -5.29 113.75	-1.76 -5.11 110.13	2.41 -5.38 114.58	2.98 -5.57 127.28	93.60 -3.26 -3.83	88.96 -3.39 10.42	83.01 -3.31 8.26	65.39 -4.92 52.69	12.61 -5.21 106.34	58.01 -4.91 54.08	100.58 -4.37 -0.94
HICKLING___2 23622	89.37 -4.47 1.32	81.40 -4.26 3.00	83.24 -4.49 0.26	77.80 -4.21 0.45	86.89 -4.65 -0.36	88.68 -4.31 -1.36	90.64 -3.28 -13.83	102.73 -2.46 -32.88	103.45 -2.95 -26.64	86.82 -3.60 1.86	0.49 -5.10 115.79	9.72 -5.17 102.53	5.24 -5.37 108.64	-1.55 -5.29 113.75	-1.76 -5.11 110.13	2.41 -5.38 114.58	2.98 -5.57 127.28	93.60 -3.26 -3.83	88.96 -3.39 10.42	83.01 -3.31 8.26	65.39 -4.92 52.69	12.61 -5.21 106.34	58.01 -4.91 54.08	100.58 -4.37 -0.94
HIGH FALLS___HY 23754	119.66 5.71 -18.79	108.09 5.14 -14.30	103.46 4.75 -10.72	102.39 4.62 -15.32	103.01 5.20 -6.63	103.42 5.59 -6.20	143.62 5.69 -57.83	175.37 5.35 -97.71	158.00 6.06 -72.18	144.63 6.46 -45.89	137.16 8.01 -7.77	129.53 7.63 -4.48	126.40 7.15 0.00	124.96 7.17 -0.31	120.74 7.26 0.00	130.58 8.20 0.00	146.16 10.32 0.00	169.72 7.72 -68.97	167.21 8.63 -55.80	160.39 8.04 -57.77	149.08 9.96 -16.12	139.70 9.56 -5.98	127.03 7.84 -2.19	116.58 6.86 -5.70
HIGH_RIVER___SOLAR 323847	124.20 4.47 -24.56	111.51 4.17 -18.69	118.07 4.05 -26.03	121.20 3.88 -34.87	124.09 4.29 -28.63	146.73 4.40 -50.69	239.15 4.24 -154.81	234.01 3.90 -157.80	265.29 4.22 -181.31	156.51 4.25 -59.98	136.75 5.22 -10.16	127.85 4.57 -5.86	123.77 4.53 0.00	122.47 4.58 -0.40	118.36 4.88 -0.01	127.89 5.51 0.00	142.89 7.06 0.00	208.76 5.39 -110.34	217.47 6.06 -108.63	178.39 5.48 -78.33	150.95 6.88 -21.06	138.80 6.82 -7.81	141.30 5.96 -18.34	148.59 4.99 -39.59

HILLBURN___GT 23639	118.02 4.95 -17.91	106.62 4.34 -13.62	102.00 4.22 -9.78	100.47 3.96 -14.06	101.15 4.38 -5.59	100.77 4.76 -4.37	136.99 4.64 -52.25	168.89 4.56 -92.02	150.73 5.34 -65.63	142.10 6.09 -43.73	136.67 7.88 -7.41	129.21 7.52 -4.27	126.52 7.27 0.00	125.07 7.29 -0.29	120.63 7.15 0.00	130.22 7.84 0.00	144.80 8.96 0.00	164.52 6.51 -64.99	161.94 7.30 -51.87	156.24 6.72 -54.94	146.72 8.37 -15.36	137.93 8.07 -5.70	125.20 6.67 -1.53	114.11 5.82 -4.28
HILLSIDE_115KV_TB1 80332	89.17 -5.23 0.77	81.42 -4.79 2.45	83.08 -4.93 -0.02	77.71 -4.70 0.04	86.39 -5.29 -0.50	88.01 -5.04 -1.42	89.89 -4.00 -13.80	100.87 -3.11 -31.67	101.21 -3.59 -25.04	86.17 -4.43 1.68	7.09 -6.07 108.22	15.43 -5.99 96.00	11.27 -6.20 101.77	5.06 -5.99 106.44	4.55 -5.90 103.03	8.94 -6.12 107.32	9.30 -6.66 119.88	93.26 -4.00 -4.23	88.65 -4.21 9.91	82.39 -4.16 8.03	66.60 -5.90 50.50	18.67 -6.21 99.29	60.64 -5.85 50.51	99.93 -5.10 -1.02
HISHELDN_WT_PWR 323625	84.76 -10.94 -0.54	77.59 -10.55 0.51	77.85 -10.38 -0.24	72.93 -9.90 -0.37	80.42 -10.85 -0.09	81.44 -10.17 0.02	64.58 -8.41 7.11	45.08 -7.38 19.85	42.99 -8.62 28.15	55.05 -10.25 26.99	50.70 -14.20 56.47	50.84 -13.62 52.96	50.65 -13.95 54.64	49.69 -13.51 54.29	48.46 -13.16 51.86	51.03 -14.07 57.28	39.32 -15.75 80.76	60.99 -9.86 22.18	45.95 -10.79 46.03	38.27 -10.22 46.10	43.35 -13.90 65.75	61.90 -13.90 48.36	79.58 -12.40 25.02	92.89 -11.13 -0.01
HOLTSVILLE_IC_1 23690	121.85 7.89 -18.79	110.40 7.45 -14.30	105.66 7.39 -10.27	104.06 6.84 -14.76	109.88 7.66 -11.04	117.87 8.25 -17.99	142.34 7.36 -54.88	175.99 7.23 -96.45	157.11 8.45 -68.91	146.84 8.67 -45.89	141.19 11.90 -7.91	133.06 11.16 -4.48	129.48 10.13 -0.11	127.92 9.98 -0.45	124.49 11.00 0.00	136.08 12.61 -1.10	149.83 13.99 0.00	198.33 10.05 -95.26	178.15 11.41 -63.97	165.89 10.50 -60.81	152.15 13.03 -16.11	143.05 12.91 -5.98	129.37 10.76 -1.61	117.45 8.63 -4.82
HOLTSVILLE_IC_10 23699	122.42 8.47 -18.79	110.93 7.98 -14.30	106.19 7.92 -10.27	104.55 7.34 -14.76	110.43 8.21 -11.04	118.42 8.80 -17.99	142.83 7.85 -54.88	176.58 7.81 -96.45	157.67 9.01 -68.91	147.49 9.32 -45.89	142.03 12.74 -7.91	133.88 11.98 -4.48	130.20 10.85 -0.11	128.74 10.80 -0.45	125.28 11.80 0.00	137.06 13.58 -1.10	150.91 15.08 0.00	199.20 10.88 -95.29	179.07 12.33 -63.97	166.74 11.34 -60.81	153.13 14.02 -16.11	144.04 13.90 -5.98	130.20 11.59 -1.61	118.19 9.36 -4.82
HOLTSVILLE_IC_2 23691	121.85 7.89 -18.79	110.40 7.45 -14.30	105.66 7.39 -10.27	104.06 6.84 -14.76	109.88 7.66 -11.04	117.87 8.25 -17.99	142.34 7.36 -54.88	175.99 7.23 -96.45	157.11 8.45 -68.91	146.84 8.67 -45.89	141.19 11.90 -7.91	133.06 11.16 -4.48	129.48 10.13 -0.11	127.92 9.98 -0.45	124.49 11.00 0.00	136.08 12.61 -1.10	149.83 13.99 0.00	198.33 10.05 -95.26	178.15 11.41 -63.97	165.89 10.50 -60.81	152.15 13.03 -16.11	143.05 12.91 -5.98	129.37 10.76 -1.61	117.45 8.63 -4.82
HOLTSVILLE_IC_3 23692	121.85 7.89 -18.79	110.40 7.45 -14.30	105.66 7.39 -10.27	104.06 6.84 -14.76	109.88 7.66 -11.04	117.87 8.25 -17.99	142.34 7.36 -54.88	175.99 7.23 -96.45	157.11 8.45 -68.91	146.84 8.67 -45.89	141.19 11.90 -7.91	133.06 11.16 -4.48	129.48 10.13 -0.11	127.92 9.98 -0.45	124.49 11.00 0.00	136.08 12.61 -1.10	149.83 13.99 0.00	198.33 10.05 -95.26	178.15 11.41 -63.97	165.89 10.50 -60.81	152.15 13.03 -16.11	143.05 12.91 -5.98	129.37 10.76 -1.61	117.45 8.63 -4.82
HOLTSVILLE_IC_4 23693	121.85 7.89 -18.79	110.40 7.45 -14.30	105.66 7.39 -10.27	104.06 6.84 -14.76	109.88 7.66 -11.04	117.87 8.25 -17.99	142.34 7.36 -54.88	175.99 7.23 -96.45	157.11 8.45 -68.91	146.84 8.67 -45.89	141.19 11.90 -7.91	133.06 11.16 -4.48	129.48 10.13 -0.11	127.92 9.98 -0.45	124.49 11.00 0.00	136.08 12.61 -1.10	149.83 13.99 0.00	198.33 10.05 -95.26	178.15 11.41 -63.97	165.89 10.50 -60.81	152.15 13.03 -16.11	143.05 12.91 -5.98	129.37 10.76 -1.61	117.45 8.63 -4.82
HOLTSVILLE_IC_5 23694	121.85 7.89 -18.79	110.40 7.45 -14.30	105.66 7.39 -10.27	104.06 6.84 -14.76	109.88 7.66 -11.04	117.87 8.25 -17.99	142.34 7.36 -54.88	175.99 7.23 -96.45	157.11 8.45 -68.91	146.84 8.67 -45.89	141.19 11.90 -7.91	133.06 11.16 -4.48	129.48 10.13 -0.11	127.92 9.98 -0.45	124.49 11.00 0.00	136.08 12.61 -1.10	149.83 13.99 0.00	198.33 10.05 -95.26	178.15 11.41 -63.97	165.89 10.50 -60.81	152.15 13.03 -16.11	143.05 12.91 -5.98	129.37 10.76 -1.61	117.45 8.63 -4.82
HOLTSVILLE_IC_6 23695	122.42 8.47 -18.79	110.93 7.98 -14.30	106.19 7.92 -10.27	104.55 7.34 -14.76	110.43 8.21 -11.04	118.42 8.80 -17.99	142.83 7.85 -54.88	176.58 7.81 -96.45	157.67 9.01 -68.91	147.49 9.32 -45.89	142.03 12.74 -7.91	133.88 11.98 -4.48	130.20 10.85 -0.11	128.74 10.80 -0.45	125.28 11.80 0.00	137.06 13.58 -1.10	150.91 15.08 0.00	199.20 10.88 -95.29	179.07 12.33 -63.97	166.74 11.34 -60.81	153.13 14.02 -16.11	144.04 13.90 -5.98	130.20 11.59 -1.61	118.19 9.36 -4.82
HOLTSVILLE_IC_7 23696	122.42 8.47 -18.79	110.93 7.98 -14.30	106.19 7.92 -10.27	104.55 7.34 -14.76	110.43 8.21 -11.04	118.42 8.80 -17.99	142.83 7.85 -54.88	176.58 7.81 -96.45	157.67 9.01 -68.91	147.49 9.32 -45.89	142.03 12.74 -7.91	133.88 11.98 -4.48	130.20 10.85 -0.11	128.74 10.80 -0.45	125.28 11.80 0.00	137.06 13.58 -1.10	150.91 15.08 0.00	199.20 10.88 -95.29	179.07 12.33 -63.97	166.74 11.34 -60.81	153.13 14.02 -16.11	144.04 13.90 -5.98	130.20 11.59 -1.61	118.19 9.36 -4.82
HOLTSVILLE_IC_8 23697	122.42 8.47 -18.79	110.93 7.98 -14.30	106.19 7.92 -10.27	104.55 7.34 -14.76	110.43 8.21 -11.04	118.42 8.80 -17.99	142.83 7.85 -54.88	176.58 7.81 -96.45	157.67 9.01 -68.91	147.49 9.32 -45.89	142.03 12.74 -7.91	133.88 11.98 -4.48	130.20 10.85 -0.11	128.74 10.80 -0.45	125.28 11.80 0.00	137.06 13.58 -1.10	150.91 15.08 0.00	199.20 10.88 -95.29	179.07 12.33 -63.97	166.74 11.34 -60.81	153.13 14.02 -16.11	144.04 13.90 -5.98	130.20 11.59 -1.61	118.19 9.36 -4.82
HOLTSVILLE_IC_9 23698	122.42 8.47 -18.79	110.93 7.98 -14.30	106.19 7.92 -10.27	104.55 7.34 -14.76	110.43 8.21 -11.04	118.42 8.80 -17.99	142.83 7.85 -54.88	176.58 7.81 -96.45	157.67 9.01 -68.91	147.49 9.32 -45.89	142.03 12.74 -7.91	133.88 11.98 -4.48	130.20 10.85 -0.11	128.74 10.80 -0.45	125.28 11.80 0.00	137.06 13.58 -1.10	150.91 15.08 0.00	199.20 10.88 -95.29	179.07 12.33 -63.97	166.74 11.34 -60.81	153.13 14.02 -16.11	144.04 13.90 -5.98	130.20 11.59 -1.61	118.19 9.36 -4.82
HOMER_HL_115KV_TB2 355744	89.39 -6.76 -0.98	83.27 -5.32 0.06	82.91 -5.54 -0.46	77.37 -5.77 -0.69	84.71 -6.66 -0.18	84.38 -7.24 0.01	76.53 -6.09 -2.52	74.06 -3.33 -5.08	74.89 -3.83 1.03	79.33 -4.80 8.15	66.92 -6.80 47.66	67.62 -6.46 43.34	66.93 -6.56 45.75	64.35 -6.34 46.80	62.08 -6.47 44.93	68.01 -6.36 48.00	68.51 -7.47 59.85	85.19 -4.28 3.55	81.89 -4.42 16.47	74.12 -4.45 16.02	80.52 -6.40 36.09	75.04 -6.70 42.42	89.00 -5.97 22.03	98.76 -4.99 0.26
HOWARD_WT_PWR 323690	84.07 -8.56 2.53	75.98 -8.60 4.08	78.81 -8.27 0.90	73.32 -7.75 1.38	82.52 -8.66 -0.01	84.88 -7.88 -1.12	102.21 -6.57 -28.68	142.61 -5.06 -75.37	147.66 -6.54 -74.44	112.26 -8.03 -28.00	-11.84 -12.14 121.08	1.56 -11.98 103.88	-4.97 -12.40 111.80	-15.00 -12.10 120.39	-15.00 -11.12 117.36	-7.56 -11.63 118.31	10.42 -13.45 111.96	116.69 -8.46 -32.13	129.71 -9.15 -36.08	126.02 -8.51 -39.95	101.98 -11.69 9.33	-3.26 -12.16 115.26	47.21 -11.23 58.56	94.52 -10.19 -0.70

HQ_GEN_CEDARS 23644	95.64 0.48 0.00	89.54 0.89 0.00	88.96 0.97 0.00	83.28 0.82 0.00	91.82 0.64 0.00	91.63 0.00 0.00	79.94 -0.16 0.00	72.31 0.00 0.00	79.44 -0.32 0.00	91.91 -0.37 0.00	120.65 -0.73 0.00	116.83 -0.59 0.00	119.00 -0.24 0.00	116.78 -0.70 0.00	113.02 -0.45 0.00	121.64 -0.73 0.00	134.75 -1.09 0.00	91.82 -1.21 0.00	101.23 -1.54 0.00	93.35 -1.23 0.00	121.65 -1.35 0.00	123.29 -0.87 0.00	116.88 -0.12 0.00	104.53 0.52 0.00
HQ_GEN_CEDARS_PROXY 323590	95.64 0.48 0.00	89.54 0.89 0.00	88.61 0.62 0.00	83.28 0.82 0.00	91.82 0.64 0.00	91.63 0.00 0.00	80.10 0.00 0.00	72.31 0.00 0.00	79.44 -0.32 0.00	91.91 -0.37 0.00	120.65 -0.72 0.00	116.83 -0.58 0.00	119.00 -0.24 0.00	116.90 -0.58 0.00	113.02 -0.45 0.00	121.65 -0.73 0.00	134.74 -1.09 0.00	91.92 -1.11 0.00	101.23 -1.54 0.00	93.35 -1.23 0.00	121.65 -1.35 0.00	123.30 -0.86 0.00	116.88 -0.12 0.00	104.53 0.52 0.00
HQ_GEN_IMPORT 323601	94.97 -0.19 0.00	88.74 0.09 0.00	87.99 0.00 0.00	82.54 0.08 0.00	91.27 0.09 0.00	91.27 -0.37 0.00	79.54 -0.56 0.00	71.73 -0.58 0.00	79.04 -0.72 0.00	91.54 -0.74 0.00	120.40 -0.98 0.00	116.60 -0.82 0.00	118.65 -0.59 0.00	116.67 -0.82 0.00	112.80 -0.68 0.00	121.53 -0.85 0.00	134.74 -1.09 0.00	91.82 -1.21 0.00	101.33 -1.44 0.00	93.35 -1.23 0.00	121.77 -1.23 0.00	123.30 -0.86 0.00	116.53 -0.47 0.00	103.80 -0.21 0.00
HQ_GEN_WHEEL 23651	94.97 -0.19 0.00	88.74 0.09 0.00	87.99 0.00 0.00	82.54 0.08 0.00	91.27 0.09 0.00	91.27 -0.37 0.00	79.54 -0.56 0.00	71.73 -0.58 0.00	79.04 -0.72 0.00	91.54 -0.74 0.00	120.40 -0.98 0.00	116.60 -0.82 0.00	118.65 -0.59 0.00	116.67 -0.82 0.00	112.80 -0.68 0.00	121.53 -0.85 0.00	134.74 -1.09 0.00	91.82 -1.21 0.00	101.33 -1.44 0.00	93.35 -1.23 0.00	121.77 -1.23 0.00	123.30 -0.86 0.00	116.53 -0.47 0.00	103.80 -0.21 0.00
HUDSON AVE_GT_3 23810	119.48 5.52 -18.79	107.56 4.61 -14.30	102.75 4.49 -10.28	101.43 4.21 -14.77	101.72 4.65 -5.88	101.29 5.04 -4.61	139.96 4.97 -54.89	173.90 4.99 -96.60	154.66 5.98 -68.93	145.01 6.83 -45.90	138.26 8.98 -7.90	130.59 8.69 -4.48	127.69 8.35 -0.11	126.27 8.34 -0.44	121.65 8.17 0.00	131.07 8.69 0.00	145.75 9.92 0.00	168.41 7.16 -68.22	165.25 8.02 -54.46	159.63 7.38 -57.67	148.22 9.10 -16.12	139.08 8.94 -5.98	125.87 7.25 -1.62	115.05 6.24 -4.80
HUDSON AVE_GT_4 23540	119.48 5.52 -18.79	107.56 4.61 -14.30	102.75 4.49 -10.28	101.43 4.21 -14.77	101.72 4.65 -5.88	101.29 5.04 -4.61	139.96 4.97 -54.89	173.90 4.99 -96.60	154.66 5.98 -68.93	145.01 6.83 -45.90	138.26 8.98 -7.90	130.59 8.69 -4.48	127.69 8.35 -0.11	126.27 8.34 -0.44	121.65 8.17 0.00	131.07 8.69 0.00	145.75 9.92 0.00	168.41 7.16 -68.22	165.25 8.02 -54.46	159.63 7.38 -57.67	148.22 9.10 -16.12	139.08 8.94 -5.98	125.87 7.25 -1.62	115.05 6.24 -4.80
HUDSON AVE_GT_5 23657	119.48 5.52 -18.79	107.56 4.61 -14.30	102.75 4.49 -10.28	101.43 4.21 -14.77	101.72 4.65 -5.88	101.29 5.04 -4.61	139.96 4.97 -54.89	173.90 4.99 -96.60	154.66 5.98 -68.93	145.01 6.83 -45.90	138.26 8.98 -7.90	130.59 8.69 -4.48	127.69 8.35 -0.11	126.27 8.34 -0.44	121.65 8.17 0.00	131.07 8.69 0.00	145.75 9.92 0.00	168.41 7.16 -68.22	165.25 8.02 -54.46	159.63 7.38 -57.67	148.22 9.10 -16.12	139.08 8.94 -5.98	125.87 7.25 -1.62	115.05 6.24 -4.80
HUDSON_AVE_10 24168	119.19 5.23 -18.79	107.21 4.26 -14.30	102.40 4.14 -10.28	101.10 3.88 -14.77	101.35 4.29 -5.88	100.92 4.67 -4.61	139.71 4.73 -54.89	173.67 4.70 -96.66	154.42 5.74 -68.93	144.73 6.55 -45.90	137.92 8.62 -7.93	130.12 8.22 -4.48	127.36 7.99 -0.13	125.94 7.99 -0.46	121.19 7.72 0.00	130.70 8.32 0.00	145.34 9.51 0.00	170.71 6.98 -70.70	164.94 7.71 -54.46	159.34 7.09 -57.67	147.97 8.86 -16.12	138.71 8.57 -5.98	125.52 6.90 -1.62	114.69 5.82 -4.85
HUDSON___115KV_TB 4 355613	122.25 4.66 -22.42	110.15 4.43 -17.06	108.27 4.40 -15.88	108.67 4.12 -22.09	108.77 4.56 -13.03	114.45 4.49 -18.33	173.05 3.60 -89.35	199.75 3.11 -124.33	191.79 3.43 -108.60	150.56 3.51 -54.77	135.14 4.49 -9.27	127.23 4.46 -5.35	124.13 4.89 0.00	122.79 4.93 -0.37	118.02 4.54 0.00	127.15 4.77 0.00	141.27 5.43 0.00	184.02 3.44 -87.55	182.54 3.91 -75.86	167.94 3.69 -69.67	146.78 4.55 -19.23	136.01 4.72 -7.13	128.62 5.03 -6.59	124.26 5.20 -15.05
HUNTER MOUNT___DRP 323613	121.73 4.66 -21.90	109.75 4.43 -16.66	107.19 4.31 -14.89	107.39 4.12 -20.81	107.44 4.56 -11.70	111.84 4.49 -15.71	167.14 3.84 -83.19	195.51 3.33 -119.87	184.83 3.51 -101.56	149.18 3.41 -53.49	134.56 4.13 -9.06	126.75 4.11 -5.22	124.13 4.89 0.00	122.66 4.82 -0.36	118.13 4.65 0.00	127.40 5.02 0.00	141.95 6.11 0.00	181.11 3.63 -84.45	179.11 4.11 -72.23	166.35 3.88 -67.89	146.58 4.80 -18.78	135.97 4.84 -6.97	127.67 5.03 -5.64	122.36 5.30 -13.05
HUNTINGTON_RES_REC 323705	122.04 8.08 -18.79	110.40 7.45 -14.30	105.66 7.39 -10.27	104.06 6.84 -14.76	109.88 7.66 -11.04	117.77 8.15 -17.99	142.42 7.45 -54.88	175.85 7.09 -96.45	156.96 8.29 -68.91	147.12 8.95 -45.89	141.30 12.02 -7.91	133.28 11.39 -4.48	129.85 10.50 -0.11	128.39 10.45 -0.45	124.61 11.13 0.00	136.20 12.73 -1.10	149.96 14.13 0.00	198.31 10.05 -95.24	178.05 11.31 -63.97	165.80 10.40 -60.81	152.15 13.03 -16.11	143.17 13.03 -5.98	129.50 10.88 -1.61	117.57 8.74 -4.82
HUNTLEY___63 23557	84.38 -11.71 -0.92	77.00 -11.70 -0.05	76.19 -12.23 -0.43	72.54 -10.55 -0.64	79.86 -11.49 -0.17	80.99 -10.63 0.01	72.76 -8.57 -1.24	66.27 -7.81 -1.77	67.20 -8.93 3.62	73.42 -10.52 8.34	68.40 -14.69 38.29	68.31 -13.97 35.14	68.15 -14.19 36.91	66.10 -13.86 37.53	63.66 -13.73 36.08	69.63 -13.95 38.79	69.26 -16.98 49.59	77.70 -10.88 4.45	74.80 -11.82 16.16	67.53 -11.26 15.80	75.70 -15.37 31.93	74.58 -15.64 33.94	85.31 -14.04 17.65	91.15 -12.90 -0.04
HUNTLEY___64 23558	84.38 -11.71 -0.92	77.00 -11.70 -0.05	76.19 -12.23 -0.43	72.54 -10.55 -0.64	79.86 -11.49 -0.17	80.99 -10.63 0.01	72.76 -8.57 -1.24	66.27 -7.81 -1.77	67.20 -8.93 3.62	73.42 -10.52 8.34	68.40 -14.69 38.29	68.31 -13.97 35.14	68.15 -14.19 36.91	66.10 -13.86 37.53	63.66 -13.73 36.08	69.63 -13.95 38.79	69.26 -16.98 49.59	77.70 -10.88 4.45	74.80 -11.82 16.16	67.53 -11.26 15.80	75.70 -15.37 31.93	74.58 -15.64 33.94	85.31 -14.04 17.65	91.15 -12.90 -0.04
HUNTLEY___65 23559	84.38 -11.71 -0.92	77.00 -11.70 -0.05	76.19 -12.23 -0.43	72.54 -10.55 -0.64	79.86 -11.49 -0.17	80.99 -10.63 0.01	72.76 -8.57 -1.24	66.27 -7.81 -1.77	67.20 -8.93 3.62	73.42 -10.52 8.34	68.40 -14.69 38.29	68.31 -13.97 35.14	68.15 -14.19 36.91	66.10 -13.86 37.53	63.66 -13.73 36.08	69.63 -13.95 38.79	69.26 -16.98 49.59	77.70 -10.88 4.45	74.80 -11.82 16.16	67.53 -11.26 15.80	75.70 -15.37 31.93	74.58 -15.64 33.94	85.31 -14.04 17.65	91.15 -12.90 -0.04
HUNTLEY___66 23560	84.38 -11.71 -0.92	77.00 -11.70 -0.05	76.19 -12.23 -0.43	72.54 -10.55 -0.64	79.86 -11.49 -0.17	80.99 -10.63 0.01	72.76 -8.57 -1.24	66.27 -7.81 -1.77	67.20 -8.93 3.62	73.42 -10.52 8.34	68.40 -14.69 38.29	68.31 -13.97 35.14	68.15 -14.19 36.91	66.10 -13.86 37.53	63.66 -13.73 36.08	69.63 -13.95 38.79	69.26 -16.98 49.59	77.70 -10.88 4.45	74.80 -11.82 16.16	67.53 -11.26 15.80	75.70 -15.37 31.93	74.58 -15.64 33.94	85.31 -14.04 17.65	91.15 -12.90 -0.04



HUNTLEY___67 23561	84.64 -11.42 -0.90	77.22 -11.44 0.00	76.62 -11.79 -0.42	72.69 -10.39 -0.62	80.04 -11.31 -0.17	81.09 -10.54 0.01	71.70 -8.97 -0.57	64.04 -8.32 -0.04	65.30 -9.41 5.05	71.15 -11.17 9.96	66.60 -15.41 39.36	66.55 -14.68 36.19	66.38 -14.91 37.95	64.40 -14.57 38.52	62.05 -14.41 37.02	67.68 -14.81 39.89	66.89 -17.52 51.42	76.48 -11.07 5.48	72.85 -12.02 17.89	65.58 -11.44 17.56	73.60 -15.50 33.91	73.60 -15.77 34.79	84.75 -14.16 18.10	91.46 -12.58 -0.04
HUNTLEY___68 23562	84.64 -11.42 -0.90	77.22 -11.44 0.00	76.62 -11.79 -0.42	72.69 -10.39 -0.62	80.04 -11.31 -0.17	81.09 -10.54 0.01	71.70 -8.97 -0.57	64.04 -8.32 -0.04	65.30 -9.41 5.05	71.15 -11.17 9.96	66.60 -15.41 39.36	66.55 -14.68 36.19	66.38 -14.91 37.95	64.40 -14.57 38.52	62.05 -14.41 37.02	67.68 -14.81 39.89	66.89 -17.52 51.42	76.48 -11.07 5.48	72.85 -12.02 17.89	65.58 -11.44 17.56	73.60 -15.50 33.91	73.60 -15.77 34.79	84.75 -14.16 18.10	91.46 -12.58 -0.04
HYLAND___LFGE 323620	91.81 -3.24 0.12	83.37 -4.08 1.21	84.13 -3.78 0.07	78.73 -3.63 0.10	87.39 -3.74 0.05	89.13 -2.47 0.03	103.40 -1.44 -24.74	137.46 -0.94 -66.09	143.74 -1.83 -65.82	122.10 -3.14 -32.95	56.19 -5.34 59.84	62.12 -5.40 49.90	58.38 -5.84 55.03	51.19 -5.40 60.89	48.37 -5.33 59.78	59.55 -4.40 58.42	86.70 -3.53 45.60	128.20 -1.02 -36.19	148.12 -1.23 -46.58	142.46 -1.32 -49.21	139.42 -2.95 -19.38	61.54 -3.48 59.14	83.14 -3.40 30.47	100.23 -3.74 0.04
INDECK___CORINTH 23802	126.82 7.89 -23.76	114.01 7.27 -18.08	120.28 7.22 -25.07	122.89 6.84 -33.60	126.25 7.56 -27.51	147.98 7.70 -48.64	236.26 7.13 -149.04	231.29 6.58 -152.40	262.30 7.33 -175.22	158.53 8.21 -58.04	141.89 10.68 -9.83	132.82 9.74 -5.67	128.90 9.65 0.00	127.62 9.75 -0.39	123.12 9.64 -0.01	132.77 10.40 0.00	148.06 12.23 0.00	208.60 8.74 -106.83	217.76 9.77 -105.22	179.27 8.89 -75.80	154.69 11.31 -20.38	143.14 11.42 -7.56	144.66 10.06 -17.59	150.63 8.63 -38.00
INDECK___ILION 23567	103.35 8.18 0.00	95.83 7.18 0.00	95.03 7.04 0.00	89.38 6.93 0.00	99.30 8.12 0.00	100.61 8.98 0.00	88.43 8.33 0.00	79.69 7.38 0.00	87.41 7.66 0.00	100.31 8.03 0.00	131.45 10.07 0.00	126.69 9.28 0.00	128.18 8.94 0.00	126.18 8.69 0.00	121.76 8.28 0.00	131.07 8.69 0.00	145.75 9.92 0.00	100.28 7.26 0.00	111.10 8.32 0.00	102.24 7.66 0.00	132.47 9.47 0.00	133.35 9.19 0.00	126.01 9.01 0.00	111.81 7.80 0.00
INDECK___OLEAN 23982	89.30 -6.85 -0.98	83.27 -5.32 0.06	82.64 -5.81 -0.46	77.29 -5.85 -0.69	84.62 -6.75 -0.18	84.38 -7.24 0.01	76.53 -6.09 -2.52	74.08 -3.33 -5.09	74.90 -3.83 1.02	79.33 -4.80 8.14	66.93 -6.79 47.66	67.62 -6.46 43.34	66.82 -6.68 45.75	64.34 -6.35 46.80	62.08 -6.46 44.93	67.64 -6.73 48.00	68.51 -7.47 59.85	85.20 -4.28 3.55	81.89 -4.42 16.47	74.13 -4.44 16.01	80.52 -6.40 36.08	75.04 -6.71 42.42	89.01 -5.96 22.03	98.76 -4.99 0.26
INDECK___OSWEGO 23783	92.70 -3.91 -1.44	85.85 -3.90 -1.10	84.81 -3.87 -0.69	79.84 -3.63 -1.01	87.46 -4.01 -0.29	87.89 -3.76 -0.01	80.55 -3.13 -3.58	76.67 -2.82 -7.18	80.42 -3.11 -3.78	92.11 -3.69 -3.53	117.11 -4.86 -0.60	112.94 -4.82 -0.34	114.35 -4.89 0.00	112.69 -4.82 -0.02	108.72 -4.76 0.00	117.36 -5.02 0.00	130.40 -5.44 0.00	94.33 -3.44 -4.74	102.38 -3.70 -3.30	95.44 -3.50 -4.36	119.44 -4.80 -1.24	119.53 -5.10 -0.46	112.09 -4.91 0.00	99.52 -4.57 -0.09
INDECK___YERKES 23781	84.38 -11.71 -0.92	76.92 -11.79 -0.05	76.90 -11.52 -0.43	72.46 -10.64 -0.64	79.77 -11.58 -0.17	80.90 -10.72 0.01	72.77 -8.57 -1.24	66.36 -7.74 -1.78	67.29 -8.86 3.61	73.43 -10.52 8.33	68.52 -14.57 38.29	68.43 -13.86 35.13	68.26 -14.07 36.91	66.22 -13.75 37.53	63.78 -13.62 36.08	68.90 -14.69 38.79	69.39 -16.85 49.59	77.70 -10.88 4.44	74.69 -11.92 16.16	67.54 -11.26 15.79	75.70 -15.38 31.92	74.58 -15.65 33.94	85.19 -14.16 17.65	91.15 -12.90 -0.04
INDIAN POINT_GT_1 24139	118.90 5.14 -18.60	107.24 4.43 -14.15	102.47 4.31 -10.17	101.19 4.12 -14.61	101.47 4.47 -5.82	101.05 4.86 -4.56	139.15 4.73 -54.32	172.55 4.63 -95.61	153.47 5.50 -68.22	143.89 6.18 -45.43	137.20 8.13 -7.69	129.60 7.75 -4.44	126.75 7.51 0.00	125.31 7.52 -0.30	120.97 7.49 0.00	130.33 7.95 0.00	145.07 9.24 0.00	167.24 6.70 -67.52	164.07 7.40 -53.90	158.47 6.81 -57.08	147.44 8.49 -15.95	138.40 8.32 -5.92	125.50 6.90 -1.60	114.40 5.93 -4.46
INDIAN POINT_GT_2 23659	118.90 5.14 -18.60	107.24 4.43 -14.15	102.47 4.31 -10.17	101.19 4.12 -14.61	101.47 4.47 -5.82	101.05 4.86 -4.56	139.15 4.73 -54.32	172.55 4.63 -95.61	153.47 5.50 -68.22	143.89 6.18 -45.43	137.20 8.13 -7.69	129.60 7.75 -4.44	126.75 7.51 0.00	125.31 7.52 -0.30	120.97 7.49 0.00	130.33 7.95 0.00	145.07 9.24 0.00	167.24 6.70 -67.52	164.07 7.40 -53.90	158.47 6.81 -57.08	147.44 8.49 -15.95	138.40 8.32 -5.92	125.50 6.90 -1.60	114.40 5.93 -4.46
INDIAN POINT_GT_3 24019	118.90 5.14 -18.60	107.24 4.43 -14.15	102.47 4.31 -10.17	101.19 4.12 -14.61	101.47 4.47 -5.82	101.05 4.86 -4.56	139.15 4.73 -54.32	172.55 4.63 -95.61	153.47 5.50 -68.22	143.89 6.18 -45.43	137.20 8.13 -7.69	129.60 7.75 -4.44	126.75 7.51 0.00	125.31 7.52 -0.30	120.97 7.49 0.00	130.33 7.95 0.00	145.07 9.24 0.00	167.24 6.70 -67.52	164.07 7.40 -53.90	158.47 6.81 -57.08	147.44 8.49 -15.95	138.40 8.32 -5.92	125.50 6.90 -1.60	114.40 5.93 -4.46
INDIAN POINT___2 23530	118.46 4.95 -18.35	106.96 4.34 -13.96	102.24 4.22 -10.03	100.82 3.96 -14.41	101.30 4.38 -5.74	100.79 4.67 -4.49	138.23 4.56 -53.57	171.11 4.48 -94.31	152.37 5.34 -67.28	143.09 5.99 -44.82	136.85 7.88 -7.59	129.31 7.52 -4.38	126.52 7.27 0.00	125.07 7.29 -0.30	120.63 7.15 0.00	130.22 7.84 0.00	144.66 8.82 0.00	166.05 6.41 -66.60	163.13 7.19 -53.17	157.51 6.62 -56.31	146.98 8.24 -15.74	138.07 8.07 -5.84	125.24 6.67 -1.57	114.12 5.72 -4.39
INDIAN POINT___3 23531	118.82 5.04 -18.61	107.16 4.34 -14.16	102.39 4.22 -10.18	101.04 3.96 -14.62	101.39 4.38 -5.83	100.97 4.76 -4.57	139.03 4.57 -54.36	172.47 4.48 -95.67	153.36 5.34 -68.26	143.74 6.00 -45.46	136.96 7.89 -7.70	129.37 7.51 -4.44	126.51 7.27 0.00	125.08 7.28 -0.30	120.63 7.15 0.00	130.09 7.71 0.00	144.66 8.83 0.00	167.10 6.51 -67.56	163.91 7.19 -53.94	158.32 6.62 -57.12	147.20 8.24 -15.96	138.16 8.07 -5.92	125.27 6.67 -1.60	114.19 5.72 -4.46
INGHAM_C_115KV_TB7 356103	102.87 7.71 0.00	95.30 6.65 0.00	94.50 6.51 0.00	88.97 6.51 0.00	98.84 7.66 0.00	100.06 8.43 0.00	87.87 7.77 0.00	79.18 6.87 0.00	86.77 7.02 0.00	99.66 7.38 0.00	130.60 9.22 0.00	125.75 8.34 0.00	127.23 7.99 0.00	125.24 7.75 0.00	120.85 7.38 0.00	130.09 7.71 0.00	144.66 8.83 0.00	99.45 6.42 0.00	110.17 7.40 0.00	101.39 6.81 0.00	131.49 8.49 0.00	132.48 8.32 0.00	125.19 8.19 0.00	111.08 7.07 0.00
IP CORINTH___1 23988	126.83 7.90 -23.76	114.00 7.27 -18.08	120.19 7.13 -25.07	122.89 6.84 -33.60	126.35 7.66 -27.51	147.97 7.70 -48.64	236.26 7.13 -149.04	231.29 6.58 -152.40	262.31 7.34 -175.22	158.53 8.21 -58.04	141.88 10.68 -9.83	132.83 9.75 -5.67	128.90 9.66 0.00	127.74 9.87 -0.39	123.12 9.65 0.00	132.78 10.40 0.00	148.06 12.22 0.00	208.60 8.74 -106.83	217.76 9.76 -105.22	179.27 8.89 -75.80	154.70 11.32 -20.38	143.15 11.42 -7.56	144.66 10.06 -17.59	150.64 8.63 -38.00

IP___TICONDEROGA 23804	130.78 11.90 -23.72	117.70 10.99 -18.05	123.67 10.82 -24.86	126.17 10.39 -33.33	129.94 11.58 -27.18	151.13 11.55 -47.95	238.48 10.73 -147.65	234.06 10.05 -151.70	264.43 11.01 -173.67	162.39 12.18 -57.93	147.21 16.02 -9.81	137.98 14.91 -5.66	134.03 14.79 0.00	132.91 15.04 -0.39	128.23 14.75 0.00	138.41 16.03 0.00	154.71 18.88 0.00	212.87 13.49 -106.35	222.20 14.90 -104.52	183.82 13.62 -75.62	160.56 17.22 -20.34	148.84 17.13 -7.55	149.44 15.09 -17.34	154.48 13.00 -37.47
ISLIP_RES_REC 323679	122.90 8.94 -18.79	111.38 8.43 -14.30	106.53 8.27 -10.27	104.89 7.67 -14.76	110.79 8.57 -11.04	118.87 9.25 -17.99	143.23 8.25 -54.88	177.01 8.24 -96.46	158.15 9.49 -68.91	147.95 9.78 -45.89	142.76 13.47 -7.91	134.47 12.57 -4.48	130.80 11.45 -0.11	129.33 11.39 -0.45	125.85 12.37 0.00	137.66 14.19 -1.10	151.72 15.88 0.00	199.79 11.44 -95.32	179.70 12.95 -63.97	167.41 12.01 -60.81	153.87 14.75 -16.11	144.66 14.52 -5.98	130.78 12.17 -1.61	118.60 9.77 -4.82
JAMAICA__27_KV_LOAD 355505	119.86 5.90 -18.79	107.39 4.43 -14.30	102.58 4.31 -10.28	101.26 4.04 -14.77	101.44 4.38 -5.88	101.19 4.95 -4.61	140.04 5.05 -54.89	174.05 5.06 -96.68	154.90 6.22 -68.93	145.29 7.11 -45.90	138.53 9.22 -7.94	130.70 8.81 -4.48	127.96 8.59 -0.13	126.54 8.58 -0.47	121.76 8.28 0.00	131.31 8.93 0.00	146.16 10.32 0.00	171.87 7.54 -71.30	165.76 8.53 -54.46	160.01 7.76 -57.67	148.83 9.72 -16.12	139.45 9.31 -5.98	126.10 7.49 -1.62	115.12 6.24 -4.87
JANIS___SOLAR 323808	108.84 2.95 -10.72	101.16 2.48 -10.03	96.09 2.28 -5.81	92.70 1.90 -8.34	96.45 2.00 -3.27	96.97 2.93 -2.41	105.11 3.44 -21.57	106.28 3.54 -30.43	109.13 3.67 -25.70	129.06 3.60 -33.18	239.77 4.61 -113.79	221.77 3.99 -100.36	226.48 3.81 -103.43	229.09 4.00 -107.60	220.82 3.52 -103.82	235.89 4.53 -108.98	267.35 5.70 -125.81	137.60 4.74 -39.83	161.51 5.55 -53.20	149.80 4.92 -50.30	198.44 5.54 -69.90	232.05 5.21 -102.68	173.67 4.68 -51.98	110.16 3.74 -2.41
JARVIS____ 23743	95.74 0.57 0.00	89.19 0.54 0.00	88.52 0.53 0.00	82.87 0.41 0.00	91.64 0.46 0.00	92.19 0.55 0.00	80.66 0.56 0.00	72.82 0.51 0.00	80.39 0.64 0.00	92.93 0.65 0.00	122.34 0.97 0.00	118.24 0.83 0.00	120.08 0.84 0.00	118.32 0.83 0.00	114.28 0.80 0.00	123.24 0.86 0.00	136.91 1.08 0.00	93.86 0.84 0.00	103.70 0.92 0.00	95.43 0.85 0.00	123.98 0.98 0.00	125.15 0.99 0.00	117.82 0.82 0.00	104.74 0.73 0.00
JENNISON___1 23625	106.30 3.43 -7.71	98.01 3.10 -6.25	95.55 2.82 -4.75	91.56 2.39 -6.71	96.94 2.46 -3.30	98.61 3.21 -3.77	108.35 3.76 -24.49	113.17 3.90 -36.95	115.25 4.23 -31.27	117.68 4.34 -21.06	153.13 5.70 -26.05	145.06 5.28 -22.36	145.90 5.01 -21.65	145.08 5.05 -22.54	139.77 4.65 -21.64	150.94 5.75 -22.81	169.23 6.66 -26.74	128.57 5.40 -30.14	140.42 6.27 -31.38	128.87 5.58 -28.71	149.91 6.52 -20.40	153.43 6.21 -23.05	134.58 5.62 -11.96	111.96 4.68 -3.27
JENNISON___2 23626	106.30 3.43 -7.71	98.01 3.10 -6.25	95.55 2.82 -4.75	91.56 2.39 -6.71	96.94 2.46 -3.30	98.61 3.21 -3.77	108.35 3.76 -24.49	113.17 3.90 -36.95	115.25 4.23 -31.27	117.68 4.34 -21.06	153.13 5.70 -26.05	145.06 5.28 -22.36	145.90 5.01 -21.65	145.08 5.05 -22.54	139.77 4.65 -21.64	150.94 5.75 -22.81	169.23 6.66 -26.74	128.57 5.40 -30.14	140.42 6.27 -31.38	128.87 5.58 -28.71	149.91 6.52 -20.40	153.43 6.21 -23.05	134.58 5.62 -11.96	111.96 4.68 -3.27
JERICHO_RISE_WT_PWR 323719	95.45 0.29 0.00	89.45 0.80 0.00	88.52 0.53 0.00	83.19 0.74 0.00	91.82 0.64 0.00	91.82 0.18 0.00	80.02 -0.08 0.00	72.31 0.00 0.00	79.44 -0.32 0.00	91.82 -0.46 0.00	120.53 -0.84 0.00	116.83 -0.58 0.00	118.88 -0.36 0.00	116.67 -0.82 0.00	112.91 -0.56 0.00	121.65 -0.73 0.00	134.61 -1.22 0.00	91.54 -1.49 0.00	100.72 -2.05 0.00	92.69 -1.89 0.00	120.91 -2.09 0.00	122.17 -1.99 0.00	115.60 -1.40 0.00	103.49 -0.52 0.00
KATONAH___115KV_46KV_TB4 355592	120.38 6.19 -19.03	108.63 5.50 -14.48	103.68 5.28 -10.41	102.53 5.11 -14.96	102.81 5.65 -5.97	102.47 6.14 -4.70	141.49 5.77 -55.63	175.99 5.86 -97.82	156.46 6.86 -69.84	146.60 7.84 -46.47	139.32 10.07 -7.87	131.70 9.75 -4.54	128.66 9.42 0.00	127.20 9.40 -0.31	123.01 9.53 0.00	132.41 10.03 0.00	147.51 11.68 0.00	170.39 8.28 -69.08	167.18 9.25 -55.16	161.48 8.51 -58.39	149.90 10.58 -16.32	140.77 10.55 -6.05	127.42 8.77 -1.65	115.98 7.38 -4.59
KCE_NY_1 323755	125.41 6.56 -23.68	112.71 6.03 -18.02	118.66 5.99 -24.68	121.18 5.61 -33.11	124.38 6.29 -26.91	145.36 6.32 -47.41	232.42 5.77 -146.55	228.73 5.28 -151.14	258.10 5.90 -172.44	156.78 6.65 -57.85	139.79 8.62 -9.80	131.16 8.10 -5.65	127.35 8.11 0.00	125.97 8.10 -0.39	121.54 8.06 -0.01	131.07 8.69 0.00	145.88 10.05 0.00	206.26 7.26 -105.97	214.77 8.02 -103.97	177.44 7.38 -75.48	152.66 9.34 -20.31	141.01 9.32 -7.53	142.45 8.31 -17.14	148.24 7.17 -37.06
KCE_NY_6_ESR 323823	85.77 -10.28 -0.88	78.58 -10.02 0.05	78.55 -9.85 -0.41	73.75 -9.32 -0.62	81.13 -10.21 -0.16	82.00 -9.62 0.01	72.40 -8.09 -0.39	64.96 -6.94 0.41	65.56 -7.97 6.22	71.96 -9.50 10.82	65.67 -13.11 42.59	65.68 -12.56 39.17	65.44 -12.76 41.05	63.40 -12.46 41.63	61.12 -12.37 39.99	66.03 -13.22 43.13	65.10 -14.94 55.79	77.19 -9.30 6.53	72.74 -9.97 20.07	65.39 -9.46 19.74	72.79 -13.04 37.17	73.28 -13.28 37.60	85.65 -11.81 19.53	93.54 -10.50 -0.04
KEDC_PORT_JEFF_GT2 24210	122.42 8.47 -18.79	110.93 7.98 -14.30	106.09 7.83 -10.27	104.55 7.34 -14.76	110.34 8.11 -11.04	118.33 8.71 -17.99	142.83 7.85 -54.88	176.50 7.74 -96.45	157.59 8.93 -68.91	147.40 9.23 -45.89	142.03 12.74 -7.91	133.75 11.85 -4.48	130.20 10.85 -0.11	128.63 10.69 -0.45	125.17 11.69 0.00	136.94 13.46 -1.10	150.77 14.94 0.00	198.81 10.51 -95.27	178.66 11.92 -63.97	166.74 11.34 -60.81	153.13 14.02 -16.11	143.92 13.78 -5.98	130.20 11.59 -1.61	118.08 9.25 -4.82
KEDC_PORT_JEFF_GT3 24211	122.42 8.47 -18.79	110.93 7.98 -14.30	106.09 7.83 -10.27	104.55 7.34 -14.76	110.34 8.11 -11.04	118.33 8.71 -17.99	142.83 7.85 -54.88	176.50 7.74 -96.45	157.59 8.93 -68.91	147.40 9.23 -45.89	142.03 12.74 -7.91	133.75 11.85 -4.48	130.20 10.85 -0.11	128.63 10.69 -0.45	125.17 11.69 0.00	136.94 13.46 -1.10	150.77 14.94 0.00	198.81 10.51 -95.27	178.66 11.92 -63.97	166.74 11.34 -60.81	153.13 14.02 -16.11	143.92 13.78 -5.98	130.20 11.59 -1.61	118.08 9.25 -4.82
KEDC_GLWD_GT4 24219	120.61 6.66 -18.79	108.89 5.94 -14.30	104.16 5.90 -10.27	102.66 5.44 -14.76	108.33 6.11 -11.04	116.13 6.51 -17.99	141.06 6.08 -54.88	174.78 5.93 -96.54	155.68 7.02 -68.91	145.82 7.66 -45.89	139.49 10.20 -7.92	131.64 9.74 -4.48	128.54 9.18 -0.12	127.11 9.17 -0.46	122.89 9.41 0.00	134.00 10.53 -1.10	147.64 11.81 0.00	200.32 8.65 -98.64	176.31 9.56 -63.97	164.19 8.80 -60.81	149.94 10.83 -16.11	140.82 10.68 -5.98	127.39 8.78 -1.61	116.02 7.17 -4.84
KEDC_GLWD_GT5 24220	120.61 6.66 -18.79	108.89 5.94 -14.30	104.16 5.90 -10.27	102.66 5.44 -14.76	108.33 6.11 -11.04	116.13 6.51 -17.99	141.06 6.08 -54.88	174.78 5.93 -96.54	155.68 7.02 -68.91	145.82 7.66 -45.89	139.49 10.20 -7.92	131.64 9.74 -4.48	128.54 9.18 -0.12	127.11 9.17 -0.46	122.89 9.41 0.00	134.00 10.53 -1.10	147.64 11.81 0.00	200.32 8.65 -98.64	176.31 9.56 -63.97	164.19 8.80 -60.81	149.94 10.83 -16.11	140.82 10.68 -5.98	127.39 8.78 -1.61	116.02 7.17 -4.84

KENSICO____ 23655	119.25 5.33 -18.75	107.53 4.61 -14.27	102.73 4.49 -10.25	101.48 4.29 -14.74	101.70 4.65 -5.87	101.28 5.04 -4.60	139.76 4.89 -54.78	173.48 4.77 -96.40	154.20 5.66 -68.78	144.54 6.46 -45.80	137.51 8.37 -7.76	129.99 8.10 -4.47	126.99 7.75 0.00	125.55 7.75 -0.31	121.19 7.72 0.00	130.58 8.20 0.00	145.34 9.51 0.00	167.99 6.88 -68.07	164.72 7.61 -54.35	159.13 7.00 -57.55	147.82 8.73 -16.08	138.70 8.57 -5.97	125.63 7.02 -1.61	114.54 6.03 -4.50
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	118.90 5.71 -18.03	107.42 5.05 -13.72	102.88 4.75 -10.13	101.50 4.53 -14.51	102.48 5.20 -6.10	102.54 5.50 -5.41	140.10 5.53 -54.48	170.87 5.21 -93.35	153.80 5.90 -68.14	142.58 6.28 -44.03	136.60 7.77 -7.46	129.11 7.40 -4.30	126.28 7.04 0.00	124.71 6.93 -0.29	120.51 7.04 0.00	130.33 7.95 0.00	145.88 10.05 0.00	166.38 7.44 -65.91	164.18 8.32 -53.08	157.72 7.76 -55.38	148.05 9.59 -15.46	139.09 9.19 -5.73	126.51 7.61 -1.91	115.83 6.76 -5.07
KIAC_JFK_GT1 23816	119.48 5.52 -18.79	106.59 3.63 -14.30	101.70 3.43 -10.28	100.44 3.22 -14.77	100.62 3.56 -5.88	100.28 4.03 -4.61	139.23 4.25 -54.89	173.33 4.34 -96.68	154.02 5.34 -68.93	144.36 6.18 -45.90	137.32 8.01 -7.94	129.65 7.75 -4.48	126.77 7.39 -0.13	125.36 7.40 -0.47	120.63 7.15 0.00	130.09 7.71 0.00	144.80 8.96 0.00	170.94 6.60 -71.30	164.63 7.40 -54.46	159.06 6.81 -57.67	147.48 8.36 -16.12	138.21 8.07 -5.98	124.82 6.20 -1.62	114.08 5.20 -4.87
KIAC_JFK_GT2 23817	119.48 5.52 -18.79	106.59 3.63 -14.30	101.70 3.43 -10.28	100.44 3.22 -14.77	100.62 3.56 -5.88	100.28 4.03 -4.61	139.23 4.25 -54.89	173.33 4.34 -96.68	154.02 5.34 -68.93	144.36 6.18 -45.90	137.32 8.01 -7.94	129.65 7.75 -4.48	126.77 7.39 -0.13	125.36 7.40 -0.47	120.63 7.15 0.00	130.09 7.71 0.00	144.80 8.96 0.00	170.94 6.60 -71.30	164.63 7.40 -54.46	159.06 6.81 -57.67	147.48 8.36 -16.12	138.21 8.07 -5.98	124.82 6.20 -1.62	114.08 5.20 -4.87
KIAC_JFK____ 323774	119.48 5.52 -18.79	106.59 3.64 -14.30	101.69 3.43 -10.28	100.43 3.21 -14.77	100.62 3.55 -5.88	100.27 4.03 -4.61	139.23 4.24 -54.89	173.33 4.34 -96.68	154.03 5.34 -68.93	144.37 6.18 -45.90	137.44 8.13 -7.94	129.65 7.75 -4.48	126.77 7.40 -0.13	125.37 7.41 -0.47	120.63 7.15 0.00	130.22 7.84 0.00	144.80 8.96 0.00	170.94 6.61 -71.30	164.64 7.40 -54.46	159.06 6.81 -57.67	147.49 8.37 -16.12	138.21 8.07 -5.98	124.81 6.20 -1.62	114.08 5.20 -4.87
KINTIGH____ 23543	85.50 -10.66 -0.99	77.72 -11.17 -0.24	77.02 -11.44 -0.47	73.25 -9.89 -0.69	80.79 -10.58 -0.19	82.10 -9.53 0.01	74.57 -8.09 -2.56	69.30 -8.17 -5.17	70.80 -9.33 -0.37	77.06 -10.98 4.24	75.75 -14.93 30.70	75.04 -14.32 28.05	74.95 -14.67 29.62	73.00 -14.22 30.27	70.14 -14.18 29.15	76.66 -14.56 31.16	79.79 -17.11 38.93	81.01 -10.88 1.14	81.08 -11.82 9.87	73.87 -11.26 9.46	84.62 -15.13 23.25	81.21 -15.52 27.43	88.43 -14.27 14.30	91.37 -12.69 -0.05
KNTFSRNC_46_KV_46KV_LOAD 80397	97.07 1.90 0.00	90.96 2.30 0.00	90.28 2.29 0.00	84.60 2.14 0.00	93.37 2.19 0.00	93.56 1.92 0.00	81.30 1.20 0.00	73.68 1.37 0.00	80.79 1.04 0.00	93.11 0.83 0.00	121.86 0.49 0.00	118.24 0.82 0.00	120.31 1.07 0.00	117.96 0.47 0.00	114.04 0.57 0.00	122.99 0.61 0.00	136.38 0.54 0.00	92.93 -0.09 0.00	102.16 -0.62 0.00	94.01 -0.57 0.00	122.38 -0.61 0.00	123.54 -0.62 0.00	116.88 -0.12 0.00	105.15 1.14 0.00
LACHUTE____HYDRO 323717	130.68 11.80 -23.72	117.69 10.99 -18.05	123.75 10.91 -24.86	126.17 10.39 -33.33	129.94 11.58 -27.18	151.13 11.55 -47.95	238.48 10.74 -147.65	234.06 10.05 -151.70	264.43 11.01 -173.67	162.39 12.18 -57.93	147.21 16.02 -9.81	137.99 14.91 -5.66	134.02 14.78 0.00	132.80 14.92 -0.39	128.23 14.75 -0.01	138.41 16.03 0.00	154.71 18.87 0.00	212.86 13.48 -106.35	222.19 14.90 -104.52	183.82 13.62 -75.62	160.56 17.22 -20.34	148.85 17.14 -7.55	149.44 15.10 -17.34	154.48 13.00 -37.47
LAWRNCV_115KV_TB1 80681	95.64 0.48 0.00	89.63 0.98 0.00	89.05 1.06 0.00	83.28 0.82 0.00	91.64 0.46 0.00	91.18 -0.46 0.00	79.70 -0.40 0.00	72.16 -0.14 0.00	79.28 -0.48 0.00	91.91 -0.37 0.00	120.65 -0.73 0.00	116.83 -0.59 0.00	118.88 -0.36 0.00	116.78 -0.70 0.00	112.91 -0.57 0.00	121.28 -1.10 0.00	134.07 -1.77 0.00	91.45 -1.58 0.00	100.82 -1.95 0.00	92.88 -1.70 0.00	121.03 -1.97 0.00	122.80 -1.37 0.00	116.88 -0.12 0.00	104.74 0.73 0.00
LEDERLE____ 23769	118.49 5.23 -18.09	106.94 4.52 -13.77	102.28 4.40 -9.89	100.79 4.12 -14.21	101.49 4.65 -5.66	101.00 4.95 -4.42	137.79 4.89 -52.81	169.99 4.70 -92.98	151.66 5.58 -66.32	142.74 6.28 -44.19	136.99 8.13 -7.48	129.60 7.87 -4.31	126.75 7.51 0.00	125.30 7.52 -0.30	120.85 7.38 0.00	130.33 7.95 0.00	145.21 9.37 0.00	165.48 6.79 -65.67	162.69 7.50 -52.42	157.00 6.90 -55.52	147.13 8.61 -15.52	138.36 8.44 -5.76	125.57 7.02 -1.55	114.36 6.03 -4.32
LIGHTHSE_115KV_TB6 355974	94.78 -1.71 -1.33	87.89 -1.77 -1.01	86.60 -2.02 -0.64	81.41 -1.98 -0.93	89.08 -2.37 -0.27	89.72 -1.92 -0.01	82.19 -1.20 -3.29	77.97 -0.94 -6.60	82.19 -1.04 -3.47	94.14 -1.38 -3.24	120.10 -1.82 -0.55	115.74 -2.00 -0.32	117.33 -1.91 0.00	115.75 -1.76 -0.02	111.66 -1.82 0.00	120.54 -1.84 0.00	133.93 -1.90 0.00	96.55 -0.84 -4.35	104.98 -0.82 -3.03	97.74 -0.85 -4.01	122.66 -0.85 -1.14	122.72 -1.48 -0.42	115.25 -1.76 0.00	102.42 -1.66 -0.08
LINDEN COGEN____ 23786	47.88 4.57 51.85	39.71 3.90 52.84	39.71 3.69 51.98	38.48 3.54 47.52	38.48 3.83 56.53	39.71 4.31 56.23	75.72 4.32 8.70	110.84 4.34 -34.20	91.53 5.26 -6.51	81.84 5.99 16.44	64.45 7.88 64.81	55.73 7.52 69.21	53.57 7.15 72.83	52.47 7.29 72.30	58.02 7.04 62.50	58.59 7.71 71.50	70.31 8.70 74.23	88.02 6.33 11.34	86.69 7.09 23.17	82.21 6.43 18.81	71.11 7.99 59.88	63.71 7.70 68.16	58.59 6.20 64.61	70.11 5.30 39.20
LINDHRST_69_KV_BK1 356055	121.95 7.99 -18.79	110.04 7.09 -14.30	105.48 7.22 -10.27	103.90 6.68 -14.76	109.69 7.48 -11.03	117.58 7.97 -17.98	142.50 7.53 -54.88	175.87 7.09 -96.47	156.96 8.29 -68.91	147.03 8.86 -45.89	140.94 11.65 -7.91	133.05 11.15 -4.48	129.85 10.49 -0.12	128.28 10.34 -0.45	124.48 11.01 0.00	135.83 12.36 -1.09	149.55 13.72 0.00	198.87 9.86 -95.98	177.84 11.10 -63.97	165.60 10.21 -60.80	151.78 12.67 -16.11	142.68 12.54 -5.98	129.26 10.65 -1.61	117.36 8.53 -4.83
LIPA_MISC_IPP 23656	122.23 8.28 -18.79	110.66 7.71 -14.30	106.09 7.83 -10.27	104.55 7.34 -14.76	110.33 8.12 -11.03	118.41 8.80 -17.98	142.82 7.85 -54.88	176.50 7.74 -96.45	157.67 9.01 -68.91	147.12 8.95 -45.89	141.66 12.38 -7.91	133.64 11.74 -4.48	129.61 10.25 -0.11	128.16 10.22 -0.45	125.05 11.57 0.00	136.81 13.34 -1.09	150.77 14.94 0.00	199.16 10.88 -95.25	179.17 12.44 -63.97	166.83 11.44 -60.80	153.26 14.14 -16.11	144.05 13.91 -5.98	130.20 11.58 -1.61	118.08 9.26 -4.82
LISF____SOLAR 323691	122.33 8.38 -18.79	111.10 8.15 -14.30	106.27 8.01 -10.27	104.72 7.50 -14.76	110.52 8.30 -11.04	118.61 8.99 -17.99	142.83 7.85 -54.88	176.79 8.03 -96.45	157.83 9.17 -68.91	147.31 9.14 -45.89	142.14 12.86 -7.91	133.88 11.98 -4.48	129.85 10.50 -0.11	128.28 10.34 -0.45	125.28 11.80 0.00	137.18 13.70 -1.10	151.18 15.34 0.00	199.55 11.25 -95.27	179.49 12.74 -63.97	167.12 11.73 -60.81	153.50 14.38 -16.11	144.29 14.15 -5.98	130.43 11.81 -1.61	118.29 9.46 -4.82

LITTLE FALLS___HYD 24013	102.87 7.71 0.00	95.30 6.65 0.00	94.50 6.51 0.00	88.97 6.51 0.00	98.84 7.66 0.00	100.06 8.43 0.00	87.87 7.77 0.00	79.18 6.87 0.00	86.77 7.02 0.00	99.66 7.38 0.00	130.60 9.22 0.00	125.75 8.34 0.00	127.23 7.99 0.00	125.24 7.75 0.00	120.85 7.38 0.00	130.09 7.71 0.00	144.66 8.83 0.00	99.45 6.42 0.00	110.17 7.40 0.00	101.39 6.81 0.00	131.49 8.49 0.00	132.48 8.32 0.00	125.19 8.19 0.00	111.08 7.07 0.00
LITTLRIV_115KV_TB1 356100	96.78 1.62 0.00	90.78 2.13 0.00	90.10 2.11 0.00	84.27 1.81 0.00	92.55 1.37 0.00	92.28 0.64 0.00	80.74 0.64 0.00	73.18 0.87 0.00	80.31 0.56 0.00	93.02 0.74 0.00	122.10 0.73 0.00	118.12 0.70 0.00	120.31 1.07 0.00	118.19 0.70 0.00	114.27 0.79 0.00	122.87 0.49 0.00	135.97 0.14 0.00	92.84 -0.19 0.00	102.36 -0.41 0.00	94.30 -0.28 0.00	122.75 -0.25 0.00	124.66 0.50 0.00	118.52 1.52 0.00	106.19 2.18 0.00
LI_NEWBRDGE___DRP 323616	120.33 6.38 -18.79	108.53 5.59 -14.30	103.90 5.63 -10.27	102.49 5.28 -14.76	108.05 5.84 -11.03	115.84 6.23 -17.98	140.90 5.93 -54.88	174.30 5.57 -96.42	155.36 6.70 -68.91	145.46 7.29 -45.89	138.76 9.47 -7.92	131.05 9.16 -4.48	127.95 8.59 -0.12	126.40 8.46 -0.46	122.33 8.85 0.00	133.38 9.91 -1.09	146.97 11.14 0.00	195.30 8.09 -94.18	175.78 9.04 -63.97	163.61 8.23 -60.80	149.32 10.21 -16.11	140.32 10.18 -5.98	127.04 8.42 -1.61	115.60 6.76 -4.84
LOCKPORT_115KV_TB60_63_64 80432	83.73 -12.37 -0.94	76.64 -12.15 -0.13	75.59 -12.85 -0.44	72.14 -10.97 -0.65	79.41 -11.94 -0.18	80.63 -11.00 0.01	73.00 -8.89 -1.80	66.86 -8.68 -3.22	67.82 -9.89 2.05	73.93 -11.72 6.64	69.70 -16.14 35.53	69.36 -15.50 32.55	69.25 -15.74 34.26	67.32 -15.27 34.90	64.70 -15.21 33.57	70.82 -15.54 36.01	71.70 -18.47 45.66	78.13 -11.72 3.18	76.28 -12.74 13.75	69.11 -12.11 13.37	77.99 -16.36 28.65	75.94 -16.64 31.59	85.47 -15.09 16.44	90.11 -13.94 -0.04
LOCKPORT___CC1 323769	83.44 -12.66 -0.93	76.06 -12.59 0.01	76.02 -12.40 -0.44	71.89 -11.21 -0.65	79.14 -12.22 -0.17	80.26 -11.37 0.01	72.34 -9.29 -1.53	65.82 -9.04 -2.55	66.63 -10.29 2.84	72.93 -12.09 7.27	68.44 -16.62 36.31	68.14 -15.97 33.30	68.01 -16.22 35.01	66.00 -15.86 35.63	63.55 -15.66 34.26	68.81 -16.76 36.81	69.91 -19.02 46.91	77.17 -12.09 3.76	74.94 -13.05 14.78	67.69 -12.49 14.40	76.27 -16.85 29.88	74.80 -17.14 32.23	84.67 -15.56 16.77	89.90 -14.14 -0.04
LOCKPORT___CC2 323770	83.44 -12.66 -0.93	76.06 -12.59 0.01	76.02 -12.40 -0.44	71.89 -11.21 -0.65	79.14 -12.22 -0.17	80.26 -11.37 0.01	72.34 -9.29 -1.53	65.82 -9.04 -2.55	66.63 -10.29 2.84	72.93 -12.09 7.27	68.44 -16.62 36.31	68.14 -15.97 33.30	68.01 -16.22 35.01	66.00 -15.86 35.63	63.55 -15.66 34.26	68.81 -16.76 36.81	69.91 -19.02 46.91	77.17 -12.09 3.76	74.94 -13.05 14.78	67.69 -12.49 14.40	76.27 -16.85 29.88	74.80 -17.14 32.23	84.67 -15.56 16.77	89.90 -14.14 -0.04
LOCKPORT___CC3 323771	83.44 -12.66 -0.93	76.06 -12.59 0.01	76.02 -12.40 -0.44	71.89 -11.21 -0.65	79.14 -12.22 -0.17	80.26 -11.37 0.01	72.34 -9.29 -1.53	65.82 -9.04 -2.55	66.63 -10.29 2.84	72.93 -12.09 7.27	68.44 -16.62 36.31	68.14 -15.97 33.30	68.01 -16.22 35.01	66.00 -15.86 35.63	63.55 -15.66 34.26	68.81 -16.76 36.81	69.91 -19.02 46.91	77.17 -12.09 3.76	74.94 -13.05 14.78	67.69 -12.49 14.40	76.27 -16.85 29.88	74.80 -17.14 32.23	84.67 -15.56 16.77	89.90 -14.14 -0.04
LONG_LAKE_PHOENIX 24014	93.99 -2.66 -1.49	87.04 -2.75 -1.13	85.80 -2.90 -0.72	80.86 -2.64 -1.05	88.66 -2.83 -0.30	89.17 -2.47 -0.01	81.79 -2.00 -3.70	77.91 -1.81 -7.41	81.66 -1.99 -3.89	93.52 -2.40 -3.64	118.84 -3.16 -0.62	114.60 -3.17 -0.36	115.90 -3.34 0.00	114.34 -3.17 -0.02	110.30 -3.18 0.00	119.07 -3.30 0.00	132.17 -3.67 0.00	95.78 -2.14 -4.89	103.91 -2.26 -3.40	96.90 -2.18 -4.50	121.08 -3.20 -1.28	121.16 -3.48 -0.47	113.61 -3.39 0.00	100.87 -3.22 -0.09
LOVETT___3 23632	118.09 4.76 -18.16	106.64 4.17 -13.82	101.88 3.96 -9.93	100.51 3.79 -14.26	101.05 4.19 -5.68	100.56 4.49 -4.44	137.52 4.41 -53.01	169.99 4.34 -93.34	151.44 5.10 -66.58	142.45 5.81 -44.36	136.41 7.53 -7.51	129.03 7.28 -4.33	126.16 6.92 0.00	124.72 6.93 -0.30	120.40 6.92 0.00	129.72 7.34 0.00	144.39 8.56 0.00	165.18 6.23 -65.92	162.38 6.99 -52.62	156.74 6.43 -55.73	146.57 7.99 -15.58	137.76 7.82 -5.78	124.99 6.43 -1.55	113.86 5.51 -4.34
LOVETT___4 23642	118.09 4.76 -18.16	106.64 4.17 -13.82	101.88 3.96 -9.93	100.51 3.79 -14.26	101.05 4.19 -5.68	100.56 4.49 -4.44	137.52 4.41 -53.01	169.99 4.34 -93.34	151.44 5.10 -66.58	142.45 5.81 -44.36	136.41 7.53 -7.51	129.03 7.28 -4.33	126.16 6.92 0.00	124.72 6.93 -0.30	120.40 6.92 0.00	129.72 7.34 0.00	144.39 8.56 0.00	165.18 6.23 -65.92	162.38 6.99 -52.62	156.74 6.43 -55.73	146.57 7.99 -15.58	137.76 7.82 -5.78	124.99 6.43 -1.55	113.86 5.51 -4.34
LOVETT___5 23593	118.09 4.76 -18.16	106.64 4.17 -13.82	101.88 3.96 -9.93	100.51 3.79 -14.26	101.05 4.19 -5.68	100.56 4.49 -4.44	137.52 4.41 -53.01	169.99 4.34 -93.34	151.44 5.10 -66.58	142.45 5.81 -44.36	136.41 7.53 -7.51	129.03 7.28 -4.33	126.16 6.92 0.00	124.72 6.93 -0.30	120.40 6.92 0.00	129.72 7.34 0.00	144.39 8.56 0.00	165.18 6.23 -65.92	162.38 6.99 -52.62	156.74 6.43 -55.73	146.57 7.99 -15.58	137.76 7.82 -5.78	124.99 6.43 -1.55	113.86 5.51 -4.34
LOWER RAQUET___HYD 24057	95.74 0.57 0.00	89.72 1.07 0.00	88.69 0.70 0.00	83.36 0.91 0.00	91.64 0.46 0.00	91.09 -0.55 0.00	79.78 -0.32 0.00	72.09 -0.22 0.00	79.20 -0.55 0.00	91.91 -0.37 0.00	120.65 -0.72 0.00	116.83 -0.58 0.00	119.00 -0.24 0.00	116.79 -0.70 0.00	113.02 -0.45 0.00	121.15 -1.22 0.00	133.93 -1.90 0.00	91.36 -1.67 0.00	100.72 -2.05 0.00	92.78 -1.80 0.00	120.91 -2.09 0.00	122.68 -1.48 0.00	116.88 -0.12 0.00	104.74 0.73 0.00
LOWER___HUDSON 24059	123.75 5.33 -23.26	111.23 4.87 -17.70	115.16 4.84 -22.33	117.14 4.53 -30.16	119.45 5.01 -23.25	136.54 5.13 -39.78	216.06 4.64 -131.32	220.08 4.12 -143.65	239.93 4.70 -155.47	154.54 5.44 -56.81	138.03 7.04 -9.62	129.77 6.81 -5.55	126.03 6.79 0.00	124.68 6.81 -0.38	120.06 6.58 -0.01	129.35 6.97 0.00	143.71 7.88 0.00	199.54 5.68 -100.84	205.44 6.27 -96.40	174.03 5.77 -73.67	150.33 7.38 -19.95	138.89 7.32 -7.40	138.04 6.67 -14.38	141.11 5.82 -31.28
LOWVILLE_115KV_TB2 356335	97.24 1.43 -0.65	90.47 1.33 -0.49	89.44 1.14 -0.31	83.81 0.91 -0.45	92.04 0.73 -0.13	92.65 1.01 -0.01	83.30 1.60 -1.60	77.33 1.81 -3.21	83.44 1.99 -1.69	95.89 2.03 -1.58	124.43 2.79 -0.27	119.92 2.35 -0.15	121.51 2.27 0.00	119.85 2.35 -0.01	115.63 2.16 0.00	125.19 2.81 0.00	138.96 3.12 0.00	97.84 2.70 -2.12	107.33 3.08 -1.47	99.27 2.74 -1.95	126.63 3.07 -0.55	127.35 2.98 -0.21	119.69 2.69 0.00	106.34 2.29 -0.04
LUTHERFT_115KV_GLOB_FND_222 355753	125.32 6.47 -23.68	112.62 5.94 -18.02	118.48 5.81 -24.68	121.17 5.61 -33.11	124.29 6.20 -26.91	145.27 6.23 -47.41	232.33 5.69 -146.55	228.66 5.21 -151.14	258.02 5.82 -172.44	156.68 6.55 -57.85	139.67 8.50 -9.80	131.17 8.10 -5.65	127.23 7.99 0.00	125.98 8.11 -0.39	121.42 7.94 0.00	130.94 8.57 0.00	145.75 9.92 0.00	206.16 7.16 -105.97	214.66 7.91 -103.97	177.34 7.28 -75.48	152.54 9.22 -20.31	140.89 9.19 -7.53	142.33 8.19 -17.14	148.14 7.07 -37.06

LUTHERNY_35_KV_BK2 355980	125.42 6.57 -23.68	112.70 6.03 -18.02	118.57 5.90 -24.68	121.17 5.61 -33.11	124.39 6.29 -26.91	145.36 6.32 -47.41	232.41 5.77 -146.55	228.73 5.28 -151.14	258.10 5.90 -172.44	156.77 6.64 -57.85	139.79 8.62 -9.80	131.17 8.10 -5.65	127.35 8.11 0.00	126.10 8.22 -0.39	121.53 8.06 0.00	131.07 8.69 0.00	145.88 10.05 0.00	206.25 7.26 -105.97	214.76 8.02 -103.97	177.44 7.38 -75.48	152.66 9.35 -20.31	141.01 9.31 -7.53	142.45 8.31 -17.14	148.24 7.18 -37.06
LWR___OSWEGATCHIE_HYD 23850	96.22 0.57 -0.48	89.82 0.80 -0.36	88.92 0.70 -0.23	83.29 0.49 -0.34	91.37 0.09 -0.10	91.45 -0.18 0.00	81.45 0.16 -1.19	75.20 0.51 -2.39	81.41 0.40 -1.25	93.91 0.46 -1.17	122.06 0.49 -0.20	117.88 0.35 -0.11	119.72 0.48 0.00	117.85 0.35 -0.01	113.82 0.34 0.00	122.62 0.24 0.00	135.83 0.00 0.00	94.79 0.19 -1.57	104.07 0.21 -1.10	96.12 0.09 -1.45	123.41 0.00 -0.41	124.56 0.25 -0.15	117.82 0.82 0.00	105.08 1.04 -0.03
LYONS_FALL_HYD 23570	97.57 1.80 -0.60	90.79 1.68 -0.46	89.78 1.49 -0.29	84.12 1.24 -0.43	92.49 1.18 -0.12	93.20 1.56 -0.01	83.60 2.00 -1.50	77.01 2.02 -2.68	83.48 2.31 -1.41	96.09 2.49 -1.32	124.99 3.39 -0.22	120.59 3.05 -0.13	122.22 2.98 0.00	120.43 2.94 -0.01	116.20 2.72 0.00	125.80 3.42 0.00	139.50 3.67 0.00	97.86 3.07 -1.77	107.50 3.50 -1.23	99.33 3.12 -1.63	127.15 3.69 -0.46	127.81 3.47 -0.17	120.16 3.16 0.00	106.74 2.70 -0.04
MADISON___COUNTY_LFGE 323628	98.52 2.28 -1.07	91.51 2.04 -0.81	90.44 1.94 -0.51	84.94 1.73 -0.75	93.22 1.82 -0.22	94.03 2.38 -0.01	85.40 2.64 -2.66	80.31 2.68 -5.33	86.03 3.43 -2.85	99.94 3.69 -3.96	135.16 5.10 -8.69	129.55 4.58 -7.56	131.40 4.53 -7.63	130.03 4.58 -7.97	125.47 4.31 -7.68	135.43 5.02 -8.04	140.59 4.75 0.00	100.08 3.54 -3.52	109.23 4.01 -2.45	101.31 3.50 -3.23	128.10 4.18 -0.92	128.35 3.85 -0.34	120.51 3.51 0.00	106.99 2.91 -0.07
MALONE___115KV_TB1 356076	96.88 1.71 0.00	90.87 2.22 0.00	90.10 2.11 0.00	84.43 1.98 0.00	93.10 1.91 0.00	93.10 1.47 0.00	81.30 1.20 0.00	73.76 1.45 0.00	80.95 1.20 0.00	93.30 1.02 0.00	122.10 0.73 0.00	118.36 0.94 0.00	120.55 1.31 0.00	118.19 0.70 0.00	114.27 0.79 0.00	123.11 0.73 0.00	136.38 0.54 0.00	93.03 0.00 0.00	102.26 -0.51 0.00	94.11 -0.47 0.00	122.51 -0.49 0.00	123.91 -0.25 0.00	117.35 0.35 0.00	105.26 1.25 0.00
MAPLEWOD_115KV_TB3 80458	122.76 4.47 -23.13	110.42 4.17 -17.60	112.12 4.14 -19.99	113.58 3.88 -27.25	114.82 4.19 -19.44	127.65 4.31 -31.71	199.76 3.68 -115.98	212.83 3.25 -137.27	221.95 3.83 -138.37	153.19 4.43 -56.48	136.89 5.95 -9.57	128.80 5.87 -5.51	125.08 5.84 0.00	123.97 6.11 -0.38	119.04 5.56 0.00	128.13 5.75 0.00	141.95 6.11 0.00	193.76 4.28 -96.45	196.52 4.62 -89.12	171.55 4.26 -72.71	148.25 5.41 -19.83	137.23 5.71 -7.36	133.83 5.38 -11.45	134.08 4.89 -25.19
MAPLE_RIDGE_WT_1 323574	93.55 -1.62 0.00	87.23 -1.42 0.00	86.49 -1.50 0.00	81.13 -1.32 0.00	89.63 -1.55 0.00	89.99 -1.65 0.00	78.57 -1.52 0.00	71.01 -1.30 0.00	78.16 -1.59 0.00	90.44 -1.84 0.00	118.95 -2.43 0.00	115.07 -2.35 0.00	117.10 -2.14 0.00	115.49 -2.00 0.00	111.78 -1.70 0.00	120.78 -1.59 0.00	134.21 -1.62 0.00	91.82 -1.21 0.00	101.33 -1.44 0.00	93.06 -1.52 0.00	120.91 -2.09 0.00	122.05 -2.11 0.00	115.25 -1.75 0.00	102.65 -1.36 0.00
MAPLE_RIDGE_WT_2 323611	93.55 -1.62 0.00	87.23 -1.42 0.00	86.49 -1.50 0.00	81.13 -1.32 0.00	89.63 -1.55 0.00	89.99 -1.65 0.00	78.57 -1.52 0.00	71.01 -1.30 0.00	78.16 -1.59 0.00	90.44 -1.84 0.00	118.95 -2.43 0.00	115.07 -2.35 0.00	117.10 -2.14 0.00	115.49 -2.00 0.00	111.78 -1.70 0.00	120.78 -1.59 0.00	134.21 -1.62 0.00	91.82 -1.21 0.00	101.33 -1.44 0.00	93.06 -1.52 0.00	120.91 -2.09 0.00	122.05 -2.11 0.00	115.25 -1.75 0.00	102.65 -1.36 0.00
MARBLE_RIVER_WT_PWR 323696	95.64 0.48 0.00	89.54 0.89 0.00	88.61 0.62 0.00	83.28 0.82 0.00	91.91 0.73 0.00	91.91 0.28 0.00	80.10 0.00 0.00	72.38 0.07 0.00	79.52 -0.24 0.00	91.91 -0.37 0.00	120.53 -0.84 0.00	116.95 -0.47 0.00	119.00 -0.24 0.00	116.79 -0.70 0.00	112.91 -0.56 0.00	121.65 -0.73 0.00	134.74 -1.09 0.00	91.63 -1.39 0.00	100.82 -1.96 0.00	92.78 -1.80 0.00	121.03 -1.97 0.00	122.17 -1.99 0.00	115.60 -1.40 0.00	103.59 -0.41 0.00
MARSHVLE_115KV_TB1 80742	127.07 5.33 -26.57	113.75 4.88 -20.22	117.89 4.75 -25.15	121.08 4.62 -34.01	122.35 5.20 -25.97	141.21 5.41 -44.17	233.19 5.45 -147.65	240.72 5.21 -163.20	257.25 5.42 -172.08	162.63 5.44 -64.90	138.92 6.55 -10.99	129.27 5.52 -6.34	124.61 5.37 0.00	123.33 5.40 -0.43	119.26 5.79 0.00	128.99 6.61 0.00	144.80 8.96 0.00	213.39 6.98 -113.38	217.50 7.81 -106.92	185.68 7.19 -83.91	154.65 8.86 -22.79	141.06 8.44 -8.45	140.45 7.49 -15.96	144.92 6.14 -34.78
MARSH_HILL_WT_PWR 323713	84.36 -8.66 2.15	76.41 -8.60 3.65	78.99 -8.27 0.72	73.59 -7.75 1.11	82.60 -8.66 -0.08	84.87 -7.88 -1.11	104.17 -6.65 -30.72	147.51 -5.06 -80.26	153.15 -6.54 -79.93	117.21 -8.03 -32.96	-2.92 -12.14 112.16	9.70 -12.09 95.62	3.46 -12.40 103.38	-6.71 -12.22 111.98	-7.20 -11.35 109.33	1.04 -11.87 109.47	22.69 -13.45 99.69	121.52 -8.46 -36.95	137.79 -9.15 -44.16	133.99 -8.61 -48.01	111.98 -8.61 -0.79	4.25 -11.81 107.62	50.97 -11.35 54.69	94.53 -10.19 -0.71
MCINTYRE_115KV_TB2 80467	97.16 2.00 0.00	91.14 2.48 0.00	90.45 2.46 0.00	84.60 2.14 0.00	93.19 2.01 0.00	92.92 1.28 0.00	81.38 1.28 0.00	73.68 1.37 0.00	80.87 1.12 0.00	93.48 1.20 0.00	122.71 1.34 0.00	118.71 1.29 0.00	120.91 1.67 0.00	118.66 1.17 0.00	114.95 1.48 0.00	123.72 1.35 0.00	137.19 1.36 0.00	93.68 0.65 0.00	103.29 0.51 0.00	95.24 0.66 0.00	123.98 0.98 0.00	125.78 1.61 0.00	119.46 2.46 0.00	106.92 2.91 0.00
MECO_____69_KV_BK1 80468	128.55 7.80 -25.58	115.30 7.18 -19.46	120.70 7.13 -25.58	123.73 6.84 -34.43	126.12 7.66 -27.28	146.81 7.79 -47.39	238.73 7.45 -151.18	239.79 6.94 -160.54	263.72 7.34 -176.62	162.42 7.66 -62.48	141.42 9.47 -10.58	132.09 8.57 -6.10	127.71 8.47 0.00	126.36 8.46 -0.42	122.21 8.74 0.00	132.17 9.79 0.00	148.33 12.50 0.00	214.22 9.30 -111.89	221.02 10.48 -107.76	185.39 9.65 -81.16	156.99 12.05 -21.94	144.10 11.80 -8.14	144.43 10.30 -17.13	149.79 8.63 -37.15
MENANDS___115KV_TB5 355628	122.24 4.00 -23.08	109.94 3.72 -17.56	111.20 3.78 -19.43	112.47 3.46 -26.55	113.55 3.83 -18.54	125.20 3.76 -29.81	195.62 3.20 -112.31	210.81 2.82 -135.68	217.32 3.27 -134.30	152.52 3.88 -56.36	136.26 5.34 -9.54	128.20 5.28 -5.50	124.61 5.37 0.00	123.39 5.52 -0.38	118.36 4.88 0.00	127.27 4.90 0.00	140.86 5.03 0.00	191.83 3.44 -95.36	193.85 3.70 -87.37	170.42 3.40 -72.43	147.22 4.43 -19.79	136.10 4.59 -7.34	132.43 4.68 -10.75	132.13 4.37 -23.75
MG INDUSTRY___DRP 24185	121.37 3.62 -22.59	109.21 3.37 -17.19	106.81 3.43 -15.38	107.08 3.13 -21.50	106.76 3.46 -12.11	111.22 3.30 -16.29	168.79 2.72 -85.97	198.40 2.39 -123.71	187.39 2.71 -104.93	150.50 3.05 -55.17	134.85 4.13 -9.34	126.79 3.99 -5.39	123.41 4.17 0.00	122.20 4.35 -0.37	117.33 3.86 0.00	126.29 3.92 0.00	140.18 4.35 0.00	183.06 2.88 -87.15	180.53 3.19 -74.57	167.55 2.93 -70.04	146.19 3.81 -19.37	135.32 3.97 -7.19	126.94 4.09 -5.85	121.38 3.85 -13.53

MID___OSWEGATCHIE_HYD 23849	96.22 0.57 -0.48	89.82 0.80 -0.36	88.92 0.70 -0.23	83.29 0.49 -0.34	91.37 0.09 -0.10	91.45 -0.18 0.00	81.45 0.16 -1.19	75.20 0.51 -2.39	81.41 0.40 -1.25	93.91 0.46 -1.17	122.06 0.49 -0.20	117.88 0.35 -0.11	119.72 0.48 0.00	117.85 0.35 -0.01	113.82 0.34 0.00	122.62 0.24 0.00	135.83 0.00 0.00	94.79 0.19 -1.57	104.07 0.21 -1.10	96.12 0.09 -1.45	123.41 0.00 -0.41	124.56 0.25 -0.15	117.82 0.82 0.00	105.08 1.04 -0.03
MID___RAQUETTE_HYD 23851	95.74 0.57 0.00	89.72 1.06 0.00	89.05 1.06 0.00	83.36 0.91 0.00	91.55 0.36 0.00	91.08 -0.55 0.00	79.62 -0.48 0.00	72.09 -0.22 0.00	79.20 -0.56 0.00	91.91 -0.37 0.00	120.65 -0.73 0.00	116.83 -0.59 0.00	119.00 -0.24 0.00	116.78 -0.70 0.00	112.91 -0.57 0.00	121.15 -1.22 0.00	133.93 -1.90 0.00	91.35 -1.67 0.00	100.72 -2.06 0.00	92.78 -1.80 0.00	120.91 -2.09 0.00	122.67 -1.49 0.00	116.88 -0.12 0.00	104.84 0.83 0.00
MILLIKEN___1 23584	105.90 0.19 -10.55	98.92 0.00 -10.26	93.26 -0.18 -5.44	90.15 -0.16 -7.86	93.76 -0.18 -2.76	93.38 0.37 -1.38	98.13 0.80 -17.23	96.78 0.94 -23.53	100.35 0.96 -19.64	127.07 0.92 -33.86	257.94 1.09 -135.48	238.00 0.82 -119.76	243.96 0.72 -124.00	247.19 0.70 -129.00	238.55 0.57 -124.50	253.90 0.86 -130.66	287.73 1.22 -150.68	132.91 1.40 -38.49	159.61 1.75 -55.09	148.68 1.42 -52.68	205.91 1.48 -81.44	247.57 0.99 -122.41	179.51 0.70 -61.81	106.06 0.42 -1.63
MILLIKEN___2 23585	105.90 0.19 -10.55	98.92 0.00 -10.26	93.26 -0.18 -5.44	90.15 -0.16 -7.86	93.76 -0.18 -2.76	93.38 0.37 -1.38	98.13 0.80 -17.23	96.78 0.94 -23.53	100.35 0.96 -19.64	127.07 0.92 -33.86	257.94 1.09 -135.48	238.00 0.82 -119.76	243.96 0.72 -124.00	247.19 0.70 -129.00	238.55 0.57 -124.50	253.90 0.86 -130.66	287.73 1.22 -150.68	132.91 1.40 -38.49	159.61 1.75 -55.09	148.68 1.42 -52.68	205.91 1.48 -81.44	247.57 0.99 -122.41	179.51 0.70 -61.81	106.06 0.42 -1.63
MILLIKEN___DIESEL 23629	105.90 0.19 -10.55	98.92 0.00 -10.26	93.26 -0.18 -5.44	90.15 -0.16 -7.86	93.76 -0.18 -2.76	93.38 0.37 -1.38	98.13 0.80 -17.23	96.78 0.94 -23.53	100.35 0.96 -19.64	127.07 0.92 -33.86	257.94 1.09 -135.48	238.00 0.82 -119.76	243.96 0.72 -124.00	247.19 0.70 -129.00	238.55 0.57 -124.50	253.90 0.86 -130.66	287.73 1.22 -150.68	132.91 1.40 -38.49	159.61 1.75 -55.09	148.68 1.42 -52.68	205.91 1.48 -81.44	247.57 0.99 -122.41	179.51 0.70 -61.81	106.06 0.42 -1.63
MILLSEAT___LFGE 323607	86.32 -9.80 -0.95	78.90 -9.93 -0.17	78.59 -9.85 -0.45	74.13 -8.99 -0.67	81.69 -9.67 -0.18	83.01 -8.62 0.01	75.61 -6.73 -2.24	70.21 -6.51 -4.41	71.57 -7.58 0.61	77.85 -9.04 5.39	75.21 -12.63 33.54	74.65 -12.09 30.67	74.50 -12.40 32.33	72.49 -11.99 33.01	69.56 -12.14 31.77	75.64 -12.73 34.00	78.73 -14.40 42.70	82.22 -8.75 2.06	81.50 -9.55 11.72	74.20 -9.08 11.30	84.19 -12.79 26.01	81.08 -13.16 29.92	89.49 -11.94 15.58	92.82 -11.23 -0.04
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	119.08 5.23 -18.68	107.39 4.52 -14.21	102.61 4.40 -10.22	101.26 4.12 -14.68	101.59 4.56 -5.85	101.17 4.95 -4.59	139.39 4.73 -54.57	172.96 4.63 -96.03	153.78 5.50 -68.52	144.18 6.28 -45.63	137.23 8.13 -7.73	129.74 7.87 -4.45	126.87 7.63 0.00	125.43 7.64 -0.30	120.97 7.49 0.00	130.45 8.08 0.00	145.07 9.24 0.00	167.54 6.70 -67.81	164.41 7.50 -54.14	158.72 6.81 -57.32	147.63 8.61 -16.02	138.55 8.44 -5.94	125.51 6.90 -1.61	114.42 5.93 -4.48
MILLWOOD_13_KV_LOAD 356217	119.27 5.42 -18.68	107.57 4.70 -14.21	102.78 4.58 -10.22	101.50 4.37 -14.68	101.77 4.74 -5.85	101.35 5.13 -4.59	139.63 4.97 -54.57	173.25 4.92 -96.03	154.10 5.82 -68.52	144.55 6.64 -45.63	137.72 8.62 -7.73	130.21 8.34 -4.45	127.23 7.99 0.00	125.78 7.99 -0.30	121.42 7.94 0.00	130.82 8.44 0.00	145.61 9.78 0.00	167.91 7.07 -67.81	164.72 7.81 -54.14	159.09 7.19 -57.32	148.00 8.98 -16.02	138.92 8.82 -5.94	125.86 7.25 -1.61	114.73 6.24 -4.48
MODEL_CITY_ENERGY 24167	83.16 -12.94 -0.93	76.16 -12.59 -0.10	75.76 -12.67 -0.44	71.56 -11.54 -0.65	78.69 -12.67 -0.18	79.90 -11.73 0.01	72.42 -9.37 -1.69	65.95 -9.33 -2.96	66.56 -10.69 2.51	72.73 -12.55 7.00	67.63 -17.24 36.51	67.40 -16.55 33.47	67.23 -16.81 35.20	65.20 -16.45 35.83	62.78 -16.23 34.47	68.00 -17.38 37.00	68.96 -19.84 47.03	76.91 -12.56 3.56	74.58 -13.67 14.52	67.49 -12.95 14.14	75.79 -17.47 29.75	73.98 -17.76 32.43	83.98 -16.15 16.87	89.17 -14.88 -0.04
MODERN_LFGE___ 323580	83.16 -12.94 -0.93	76.16 -12.59 -0.10	75.76 -12.67 -0.44	71.56 -11.54 -0.65	78.69 -12.67 -0.18	79.90 -11.73 0.01	72.42 -9.37 -1.69	65.95 -9.33 -2.96	66.56 -10.69 2.51	72.73 -12.55 7.00	67.63 -17.24 36.51	67.40 -16.55 33.47	67.23 -16.81 35.20	65.20 -16.45 35.83	62.78 -16.23 34.47	68.00 -17.38 37.00	68.96 -19.84 47.03	76.91 -12.56 3.56	74.58 -13.67 14.52	67.49 -12.95 14.14	75.79 -17.47 29.75	73.98 -17.76 32.43	83.98 -16.15 16.87	89.17 -14.88 -0.04
MOHAWK_PAPER___DRP 24187	122.76 4.47 -23.13	110.42 4.17 -17.60	112.12 4.14 -19.99	113.58 3.88 -27.25	114.82 4.19 -19.44	127.65 4.31 -31.71	199.76 3.68 -115.98	212.83 3.25 -137.27	221.95 3.83 -138.37	153.19 4.43 -56.48	136.89 5.95 -9.57	128.80 5.87 -5.51	125.08 5.84 0.00	123.97 6.11 -0.38	119.04 5.56 0.00	128.13 5.75 0.00	141.95 6.11 0.00	193.76 4.28 -96.45	196.52 4.62 -89.12	171.55 4.26 -72.71	148.25 5.41 -19.83	137.23 5.71 -7.36	133.83 5.38 -11.45	134.08 4.89 -25.19
MOHICAN___35_KV_115KV_LD 80490	127.23 8.37 -23.69	114.31 7.62 -18.03	120.29 7.57 -24.73	122.88 7.26 -33.17	126.19 8.02 -26.98	147.25 8.06 -47.55	234.46 7.53 -146.84	230.54 6.94 -151.29	260.17 7.66 -172.76	158.73 8.58 -57.87	142.34 11.17 -9.80	133.40 10.33 -5.65	129.50 10.25 0.00	128.21 10.34 -0.39	123.69 10.21 0.00	133.51 11.14 0.00	149.01 13.18 0.00	208.49 9.40 -106.07	217.27 10.38 -104.12	179.65 9.55 -75.51	155.37 12.05 -20.32	143.74 12.04 -7.54	144.73 10.53 -17.20	150.22 9.05 -37.17
MONGAUP___HYD 23641	117.00 4.66 -17.17	105.89 4.17 -13.07	101.24 3.87 -9.38	99.65 3.71 -13.48	100.74 4.20 -5.36	100.30 4.49 -4.18	134.12 3.92 -50.10	164.18 3.61 -88.25	146.75 4.07 -62.93	139.11 4.89 -41.95	133.46 4.98 -7.10	126.33 4.82 -4.10	123.66 4.41 0.00	123.18 5.41 -0.28	118.93 5.45 0.00	127.76 5.38 0.00	142.89 7.06 0.00	160.75 5.39 -62.33	158.58 6.06 -49.75	152.95 5.67 -52.70	144.61 6.88 -14.73	137.08 7.45 -5.46	124.66 6.20 -1.46	113.61 5.51 -4.09
MONTAUK___DIESEL 23721	125.37 11.42 -18.79	113.68 10.73 -14.30	109.09 10.82 -10.27	107.28 10.06 -14.76	113.43 11.22 -11.03	121.62 12.00 -17.98	145.63 10.65 -54.88	179.39 10.63 -96.45	160.78 12.12 -68.91	150.26 12.09 -45.89	145.91 16.63 -7.91	137.63 15.73 -4.48	133.30 13.95 -0.11	131.68 13.75 -0.45	128.91 15.43 0.00	141.09 17.62 -1.09	155.94 20.10 0.00	203.07 14.79 -95.25	183.49 16.75 -63.97	170.71 15.32 -60.80	158.06 18.94 -16.11	148.76 18.62 -5.98	134.29 15.68 -1.61	121.62 12.79 -4.82
MOONROAD_115KV_HARTFLD_TB1-2 355988	86.65 -9.42 -0.91	79.28 -9.31 0.07	78.74 -9.68 -0.43	74.27 -8.82 -0.63	81.87 -9.48 -0.17	82.82 -8.80 0.01	73.99 -7.05 -0.94	67.74 -5.57 -1.00	68.37 -6.46 4.93	74.04 -7.94 10.31	65.73 -11.05 44.60	66.17 -10.33 40.92	65.70 -10.61 42.93	63.51 -10.34 43.64	60.96 -10.55 41.96	66.61 -10.65 45.12	65.46 -12.63 57.74	79.63 -7.54 5.86	75.56 -7.81 19.41	68.25 -7.28 19.05	75.48 -10.09 37.43	74.36 -10.31 39.50	87.71 -8.78 20.52	96.24 -7.80 -0.04

MORRIS_RIDGE___SOLAR 323848	86.22 -9.04 -0.10	78.85 -8.68 1.12	79.71 -8.62 -0.34	74.66 -8.24 -0.45	82.67 -9.03 -0.51	84.19 -8.52 -1.08	58.82 -6.89 14.38	23.21 -5.85 43.25	18.21 -6.94 54.60	36.34 -8.40 47.54	33.90 -11.77 75.70	33.90 -11.63 71.89	33.90 -11.92 73.42	33.90 -11.63 71.95	33.90 -11.12 68.46	33.90 -11.63 76.85	8.79 -12.77 114.27	43.11 -8.00 41.92	14.95 -8.74 79.08	6.71 -8.23 79.64	8.88 -11.31 102.81	49.13 -11.54 63.49	74.24 -10.41 32.34	95.46 -9.36 -0.81
MORTIMER_115KV_TB3 55949	89.53 -6.66 -1.03	81.66 -7.36 -0.37	81.00 -7.48 -0.49	76.74 -6.43 -0.72	84.63 -6.75 -0.20	85.86 -5.77 0.00	80.14 -4.89 -4.93	78.90 -4.84 -11.44	80.04 -5.58 -5.87	87.30 -6.55 -1.57	88.40 -9.10 23.87	87.30 -8.69 21.43	87.34 -8.94 22.96	85.02 -8.58 23.89	81.51 -8.85 23.12	89.37 -8.81 24.20	97.79 -10.32 27.72	90.25 -6.23 -3.46	94.09 -6.89 1.80	88.17 -6.53 -0.11	101.93 -9.22 11.84	92.57 -9.68 21.91	96.53 -9.01 11.46	95.84 -8.22 -0.05
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	119.38 5.42 -18.80	107.57 4.61 -14.30	102.76 4.49 -10.28	101.43 4.21 -14.77	101.72 4.65 -5.88	101.29 5.04 -4.61	139.96 4.97 -54.90	173.77 4.84 -96.61	154.59 5.90 -68.93	144.92 6.74 -45.91	138.05 8.74 -7.93	130.35 8.45 -4.48	127.48 8.11 -0.13	126.06 8.11 -0.47	121.42 7.94 0.00	130.82 8.44 0.00	145.48 9.64 0.00	168.32 7.07 -68.23	165.05 7.81 -54.47	159.45 7.19 -57.68	148.10 8.98 -16.12	138.83 8.69 -5.98	125.75 7.14 -1.62	115.01 6.14 -4.86
MUNSVILLE_WIND_PWR 323609	110.66 6.28 -9.21	102.46 5.68 -8.13	98.46 5.19 -5.28	94.43 4.45 -7.53	99.11 4.65 -3.28	100.60 5.87 -3.09	109.62 6.49 -23.03	112.60 6.58 -33.71	115.28 7.02 -28.50	126.59 7.20 -27.10	200.61 9.47 -69.76	187.33 8.69 -61.22	190.10 8.47 -62.39	190.98 8.57 -64.92	183.78 7.72 -62.58	197.41 9.30 -65.74	222.66 10.73 -76.09	136.55 8.55 -34.97	154.89 9.87 -42.25	142.75 8.70 -39.47	178.26 10.20 -45.06	196.94 10.05 -62.72	158.14 9.24 -31.90	114.55 7.70 -2.84
N SALMON___HYD 24042	96.88 1.71 0.00	90.87 2.22 0.00	89.84 1.85 0.00	84.43 1.98 0.00	93.19 2.00 0.00	93.10 1.46 0.00	81.46 1.36 0.00	73.76 1.45 0.00	80.95 1.20 0.00	93.30 1.02 0.00	122.11 0.73 0.00	118.35 0.93 0.00	120.55 1.31 0.00	118.20 0.71 0.00	114.28 0.80 0.00	123.12 0.74 0.00	136.38 0.55 0.00	93.03 0.00 0.00	102.26 -0.51 0.00	94.11 -0.47 0.00	122.51 -0.49 0.00	123.92 -0.25 0.00	117.35 0.35 0.00	105.26 1.25 0.00
N.AKRON__115KV_KNAPP 355671	86.03 -10.09 -0.95	78.62 -10.20 -0.16	77.62 -10.82 -0.45	73.96 -9.15 -0.66	81.51 -9.85 -0.18	82.83 -8.80 0.01	75.27 -6.97 -2.14	69.71 -6.72 -4.13	71.00 -7.82 0.94	77.28 -9.32 5.68	74.40 -12.99 33.99	73.88 -12.45 31.09	73.84 -12.64 32.77	71.72 -12.34 33.43	68.82 -12.48 32.18	75.56 -12.36 34.46	77.66 -14.81 43.37	81.69 -9.02 2.32	80.73 -9.87 12.18	73.35 -9.46 11.77	83.23 -13.16 26.61	80.34 -13.53 30.29	88.94 -12.29 15.77	92.51 -11.54 -0.04
N.BELMOR_69_KV_BK1 55787	120.71 6.76 -18.79	108.80 5.85 -14.30	104.16 5.90 -10.27	102.74 5.52 -14.76	108.42 6.20 -11.03	116.21 6.60 -17.98	141.38 6.41 -54.88	174.95 6.15 -96.49	155.84 7.18 -68.91	146.01 7.84 -45.89	139.25 9.95 -7.92	131.52 9.63 -4.48	128.42 9.06 -0.12	126.87 8.93 -0.46	122.78 9.31 0.00	133.87 10.40 -1.09	147.65 11.82 0.00	199.69 8.74 -97.92	176.30 9.56 -63.97	164.09 8.70 -60.80	149.81 10.70 -16.11	140.94 10.80 -5.98	127.51 8.89 -1.61	116.02 7.18 -4.84
N.E_GEN_SANDY PD 24062	131.80 5.33 -31.31	129.00 4.78 -35.56	125.00 4.75 -32.26	123.50 4.45 -36.60	129.50 4.92 -33.40	136.90 5.04 -40.23	160.50 4.64 -75.76	190.08 4.19 -113.58	176.90 4.95 -92.20	149.56 5.72 -51.56	137.63 7.53 -8.73	129.73 7.28 -5.03	126.39 7.15 0.00	125.00 7.17 -0.34	125.00 6.92 -4.60	129.72 7.34 0.00	144.12 8.29 0.00	179.06 5.96 -80.08	176.63 6.58 -67.27	165.80 5.96 -65.26	151.00 7.75 -20.25	138.58 7.70 -6.72	128.21 6.78 -4.42	127.58 5.93 -17.65
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	118.24 4.95 -18.12	106.70 4.26 -13.79	102.03 4.14 -9.90	100.56 3.88 -14.23	101.13 4.29 -5.67	100.74 4.67 -4.43	137.56 4.57 -52.90	169.87 4.41 -93.15	151.46 5.26 -66.44	142.45 5.91 -44.27	136.52 7.65 -7.50	129.14 7.40 -4.32	126.28 7.04 0.00	124.95 7.17 -0.30	120.51 7.04 0.00	129.97 7.59 0.00	144.66 8.83 0.00	165.23 6.42 -65.78	162.48 7.19 -52.51	156.72 6.53 -55.61	146.66 8.12 -15.55	137.88 7.95 -5.77	125.10 6.55 -1.55	114.06 5.72 -4.33
N.QUEENS_27_KV_LOAD 356247	118.91 4.95 -18.79	106.94 3.99 -14.30	101.96 3.70 -10.28	100.69 3.46 -14.77	100.90 3.83 -5.88	100.65 4.40 -4.61	139.32 4.33 -54.90	173.52 4.56 -96.65	154.27 5.58 -68.93	144.64 6.46 -45.91	137.72 8.37 -7.97	130.00 8.10 -4.48	127.15 7.75 -0.16	125.75 7.75 -0.51	121.08 7.60 0.00	130.21 7.83 0.00	144.66 8.83 0.00	169.32 6.42 -69.88	164.33 7.09 -54.46	158.78 6.53 -57.67	147.24 8.12 -16.12	138.09 7.95 -5.98	124.82 6.20 -1.62	114.58 5.62 -4.96
N.TROY___115KV_TB1 355778	123.75 5.33 -23.26	111.23 4.88 -17.70	115.07 4.75 -22.33	117.14 4.53 -30.16	119.45 5.02 -23.25	136.55 5.13 -39.78	216.06 4.65 -131.32	220.08 4.12 -143.64	239.93 4.71 -155.47	154.54 5.44 -56.81	138.04 7.04 -9.62	129.77 6.81 -5.55	126.04 6.80 0.00	124.80 6.93 -0.38	120.06 6.58 0.00	129.35 6.98 0.00	143.71 7.88 0.00	199.54 5.67 -100.84	205.44 6.27 -96.39	174.02 5.77 -73.67	150.33 7.38 -19.95	138.89 7.33 -7.40	138.05 6.67 -14.38	141.12 5.82 -31.28
NARROWS_GT1_1 24228	129.13 5.33 -28.64	125.29 4.52 -32.11	102.55 4.22 -10.33	101.18 3.96 -14.77	101.35 4.29 -5.88	101.06 4.76 -4.67	146.48 4.81 -61.57	184.79 4.85 -107.63	165.81 5.90 -80.15	156.29 6.83 -57.18	149.62 8.86 -19.39	133.12 8.57 -7.14	136.81 8.11 -9.46	137.83 8.22 -12.12	121.36 7.82 -0.06	130.58 8.20 0.00	144.40 8.56 0.00	167.58 6.33 -68.23	164.32 7.09 -54.46	158.78 6.52 -57.68	147.11 7.99 -16.12	138.34 8.19 -5.98	125.05 6.43 -1.62	140.57 6.03 -30.53
NARROWS_GT1_2 24229	129.13 5.33 -28.64	125.29 4.52 -32.11	102.55 4.22 -10.33	101.18 3.96 -14.77	101.35 4.29 -5.88	101.06 4.76 -4.67	146.48 4.81 -61.57	184.79 4.85 -107.63	165.81 5.90 -80.15	156.29 6.83 -57.18	149.62 8.86 -19.39	133.12 8.57 -7.14	136.81 8.11 -9.46	137.83 8.22 -12.12	121.36 7.82 -0.06	130.58 8.20 0.00	144.40 8.56 0.00	167.58 6.33 -68.23	164.32 7.09 -54.46	158.78 6.52 -57.68	147.11 7.99 -16.12	138.34 8.19 -5.98	125.05 6.43 -1.62	140.57 6.03 -30.53
NARROWS_GT1_3 24230	129.13 5.33 -28.64	125.29 4.52 -32.11	102.55 4.22 -10.33	101.18 3.96 -14.77	101.35 4.29 -5.88	101.06 4.76 -4.67	146.48 4.81 -61.57	184.79 4.85 -107.63	165.81 5.90 -80.15	156.29 6.83 -57.18	149.62 8.86 -19.39	133.12 8.57 -7.14	136.81 8.11 -9.46	137.83 8.22 -12.12	121.36 7.82 -0.06	130.58 8.20 0.00	144.40 8.56 0.00	167.58 6.33 -68.23	164.32 7.09 -54.46	158.78 6.52 -57.68	147.11 7.99 -16.12	138.34 8.19 -5.98	125.05 6.43 -1.62	140.57 6.03 -30.53
NARROWS_GT1_4 24231	129.13 5.33 -28.64	125.29 4.52 -32.11	102.55 4.22 -10.33	101.18 3.96 -14.77	101.35 4.29 -5.88	101.06 4.76 -4.67	146.48 4.81 -61.57	184.79 4.85 -107.63	165.81 5.90 -80.15	156.29 6.83 -57.18	149.62 8.86 -19.39	133.12 8.57 -7.14	136.81 8.11 -9.46	137.83 8.22 -12.12	121.36 7.82 -0.06	130.58 8.20 0.00	144.40 8.56 0.00	167.58 6.33 -68.23	164.32 7.09 -54.46	158.78 6.52 -57.68	147.11 7.99 -16.12	138.34 8.19 -5.98	125.05 6.43 -1.62	140.57 6.03 -30.53

NARROWS_GT1_5 24232	129.13 5.33 -28.64	125.29 4.52 -32.11	102.55 4.22 -10.33	101.18 3.96 -14.77	101.35 4.29 -5.88	101.06 4.76 -4.67	146.48 4.81 -61.57	184.79 4.85 -107.63	165.81 5.90 -80.15	156.29 6.83 -57.18	149.62 8.86 -19.39	133.12 8.57 -7.14	136.81 8.11 -9.46	137.83 8.22 -12.12	121.36 7.82 -0.06	130.58 8.20 0.00	144.40 8.56 0.00	167.58 6.33 -68.23	164.32 7.09 -54.46	158.78 6.52 -57.68	147.11 7.99 -16.12	138.34 8.19 -5.98	125.05 6.43 -1.62	140.57 6.03 -30.53
NARROWS_GT1_6 24233	129.13 5.33 -28.64	125.29 4.52 -32.11	102.55 4.22 -10.33	101.18 3.96 -14.77	101.35 4.29 -5.88	101.06 4.76 -4.67	146.48 4.81 -61.57	184.79 4.85 -107.63	165.81 5.90 -80.15	156.29 6.83 -57.18	149.62 8.86 -19.39	133.12 8.57 -7.14	136.81 8.11 -9.46	137.83 8.22 -12.12	121.36 7.82 -0.06	130.58 8.20 0.00	144.40 8.56 0.00	167.58 6.33 -68.23	164.32 7.09 -54.46	158.78 6.52 -57.68	147.11 7.99 -16.12	138.34 8.19 -5.98	125.05 6.43 -1.62	140.57 6.03 -30.53
NARROWS_GT1_7 24234	129.13 5.33 -28.64	125.29 4.52 -32.11	102.55 4.22 -10.33	101.18 3.96 -14.77	101.35 4.29 -5.88	101.06 4.76 -4.67	146.48 4.81 -61.57	184.79 4.85 -107.63	165.81 5.90 -80.15	156.29 6.83 -57.18	149.62 8.86 -19.39	133.12 8.57 -7.14	136.81 8.11 -9.46	137.83 8.22 -12.12	121.36 7.82 -0.06	130.58 8.20 0.00	144.40 8.56 0.00	167.58 6.33 -68.23	164.32 7.09 -54.46	158.78 6.52 -57.68	147.11 7.99 -16.12	138.34 8.19 -5.98	125.05 6.43 -1.62	140.57 6.03 -30.53
NARROWS_GT1_8 24235	129.13 5.33 -28.64	125.29 4.52 -32.11	102.55 4.22 -10.33	101.18 3.96 -14.77	101.35 4.29 -5.88	101.06 4.76 -4.67	146.48 4.81 -61.57	184.79 4.85 -107.63	165.81 5.90 -80.15	156.29 6.83 -57.18	149.62 8.86 -19.39	133.12 8.57 -7.14	136.81 8.11 -9.46	137.83 8.22 -12.12	121.36 7.82 -0.06	130.58 8.20 0.00	144.40 8.56 0.00	167.58 6.33 -68.23	164.32 7.09 -54.46	158.78 6.52 -57.68	147.11 7.99 -16.12	138.34 8.19 -5.98	125.05 6.43 -1.62	140.57 6.03 -30.53
NARROWS_GT2_1 24236	129.13 5.33 -28.64	125.29 4.52 -32.11	102.55 4.22 -10.33	101.18 3.96 -14.77	101.35 4.29 -5.88	101.06 4.76 -4.67	146.48 4.81 -61.57	184.79 4.85 -107.63	165.81 5.90 -80.15	156.29 6.83 -57.18	146.46 8.86 -16.22	133.12 8.57 -7.14	134.24 8.11 -6.88	134.61 8.22 -8.90	121.36 7.82 -0.06	130.58 8.20 0.00	144.40 8.56 0.00	167.58 6.33 -68.23	164.32 7.09 -54.46	158.78 6.52 -57.68	147.11 7.99 -16.12	138.34 8.19 -5.98	125.05 6.43 -1.62	133.45 6.03 -23.42
NARROWS_GT2_2 24237	129.13 5.33 -28.64	125.29 4.52 -32.11	102.55 4.22 -10.33	101.18 3.96 -14.77	101.35 4.29 -5.88	101.06 4.76 -4.67	146.48 4.81 -61.57	184.79 4.85 -107.63	165.81 5.90 -80.15	156.29 6.83 -57.18	146.46 8.86 -16.22	133.12 8.57 -7.14	134.24 8.11 -6.88	134.61 8.22 -8.90	121.36 7.82 -0.06	130.58 8.20 0.00	144.40 8.56 0.00	167.58 6.33 -68.23	164.32 7.09 -54.46	158.78 6.52 -57.68	147.11 7.99 -16.12	138.34 8.19 -5.98	125.05 6.43 -1.62	133.45 6.03 -23.42
NARROWS_GT2_3 24238	129.13 5.33 -28.64	125.29 4.52 -32.11	102.55 4.22 -10.33	101.18 3.96 -14.77	101.35 4.29 -5.88	101.06 4.76 -4.67	146.48 4.81 -61.57	184.79 4.85 -107.63	165.81 5.90 -80.15	156.29 6.83 -57.18	146.46 8.86 -16.22	133.12 8.57 -7.14	134.24 8.11 -6.88	134.61 8.22 -8.90	121.36 7.82 -0.06	130.58 8.20 0.00	144.40 8.56 0.00	167.58 6.33 -68.23	164.32 7.09 -54.46	158.78 6.52 -57.68	147.11 7.99 -16.12	138.34 8.19 -5.98	125.05 6.43 -1.62	133.45 6.03 -23.42
NARROWS_GT2_4 24239	129.13 5.33 -28.64	125.29 4.52 -32.11	102.55 4.22 -10.33	101.18 3.96 -14.77	101.35 4.29 -5.88	101.06 4.76 -4.67	146.48 4.81 -61.57	184.79 4.85 -107.63	165.81 5.90 -80.15	156.29 6.83 -57.18	146.46 8.86 -16.22	133.12 8.57 -7.14	134.24 8.11 -6.88	134.61 8.22 -8.90	121.36 7.82 -0.06	130.58 8.20 0.00	144.40 8.56 0.00	167.58 6.33 -68.23	164.32 7.09 -54.46	158.78 6.52 -57.68	147.11 7.99 -16.12	138.34 8.19 -5.98	125.05 6.43 -1.62	133.45 6.03 -23.42
NARROWS_GT2_5 24240	129.13 5.33 -28.64	125.29 4.52 -32.11	102.55 4.22 -10.33	101.18 3.96 -14.77	101.35 4.29 -5.88	101.06 4.76 -4.67	146.48 4.81 -61.57	184.79 4.85 -107.63	165.81 5.90 -80.15	156.29 6.83 -57.18	146.46 8.86 -16.22	133.12 8.57 -7.14	134.24 8.11 -6.88	134.61 8.22 -8.90	121.36 7.82 -0.06	130.58 8.20 0.00	144.40 8.56 0.00	167.58 6.33 -68.23	164.32 7.09 -54.46	158.78 6.52 -57.68	147.11 7.99 -16.12	138.34 8.19 -5.98	125.05 6.43 -1.62	133.45 6.03 -23.42
NARROWS_GT2_6 24241	129.13 5.33 -28.64	125.29 4.52 -32.11	102.55 4.22 -10.33	101.18 3.96 -14.77	101.35 4.29 -5.88	101.06 4.76 -4.67	146.48 4.81 -61.57	184.79 4.85 -107.63	165.81 5.90 -80.15	156.29 6.83 -57.18	146.46 8.86 -16.22	133.12 8.57 -7.14	134.24 8.11 -6.88	134.61 8.22 -8.90	121.36 7.82 -0.06	130.58 8.20 0.00	144.40 8.56 0.00	167.58 6.33 -68.23	164.32 7.09 -54.46	158.78 6.52 -57.68	147.11 7.99 -16.12	138.34 8.19 -5.98	125.05 6.43 -1.62	133.45 6.03 -23.42
NARROWS_GT2_7 24242	129.13 5.33 -28.64	125.29 4.52 -32.11	102.55 4.22 -10.33	101.18 3.96 -14.77	101.35 4.29 -5.88	101.06 4.76 -4.67	146.48 4.81 -61.57	184.79 4.85 -107.63	165.81 5.90 -80.15	156.29 6.83 -57.18	146.46 8.86 -16.22	133.12 8.57 -7.14	134.24 8.11 -6.88	134.61 8.22 -8.90	121.36 7.82 -0.06	130.58 8.20 0.00	144.40 8.56 0.00	167.58 6.33 -68.23	164.32 7.09 -54.46	158.78 6.52 -57.68	147.11 7.99 -16.12	138.34 8.19 -5.98	125.05 6.43 -1.62	133.45 6.03 -23.42
NARROWS_GT2_8 24243	129.13 5.33 -28.64	125.29 4.52 -32.11	102.55 4.22 -10.33	101.18 3.96 -14.77	101.35 4.29 -5.88	101.06 4.76 -4.67	146.48 4.81 -61.57	184.79 4.85 -107.63	165.81 5.90 -80.15	156.29 6.83 -57.18	146.46 8.86 -16.22	133.12 8.57 -7.14	134.24 8.11 -6.88	134.61 8.22 -8.90	121.36 7.82 -0.06	130.58 8.20 0.00	144.40 8.56 0.00	167.58 6.33 -68.23	164.32 7.09 -54.46	158.78 6.52 -57.68	147.11 7.99 -16.12	138.34 8.19 -5.98	125.05 6.43 -1.62	133.45 6.03 -23.42
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	121.73 4.66 -21.90	109.75 4.43 -16.66	107.19 4.31 -14.89	107.39 4.12 -20.81	107.44 4.56 -11.70	111.84 4.49 -15.71	167.14 3.84 -83.19	195.51 3.33 -119.87	184.83 3.51 -101.56	149.18 3.41 -53.49	134.56 4.13 -9.06	126.75 4.11 -5.22	124.13 4.89 0.00	122.66 4.82 -0.36	118.13 4.65 0.00	127.40 5.02 0.00	141.95 6.11 0.00	181.11 3.63 -84.45	179.11 4.11 -72.23	166.35 3.88 -67.89	146.58 4.80 -18.78	135.97 4.84 -6.97	127.67 5.03 -5.64	122.36 5.30 -13.05
NCHELSEA_115KV_TR2 355582	119.98 6.00 -18.82	108.29 5.32 -14.32	103.42 5.10 -10.33	102.15 4.86 -14.83	102.52 5.38 -5.96	102.16 5.77 -4.76	140.93 5.61 -55.22	174.41 5.28 -96.82	155.12 6.06 -69.30	144.98 6.74 -45.96	137.65 8.50 -7.78	130.12 8.22 -4.49	127.11 7.87 0.00	125.78 7.99 -0.31	121.42 7.94 0.00	130.94 8.57 0.00	146.16 10.32 0.00	168.84 7.44 -68.37	165.75 8.32 -54.65	159.99 7.66 -57.75	148.73 9.59 -16.14	139.46 9.31 -5.99	126.51 7.84 -1.67	115.60 6.97 -4.62
NEG CAPITAL___MECHNVIL 23645	125.28 6.56 -23.55	112.61 6.03 -17.92	118.02 5.99 -24.04	120.44 5.68 -32.30	123.38 6.29 -25.92	143.29 6.32 -45.34	228.32 5.84 -142.37	226.69 5.35 -149.03	253.54 5.98 -167.80	156.54 6.73 -57.53	139.97 8.86 -9.74	131.37 8.34 -5.62	127.58 8.34 0.00	126.34 8.46 -0.38	121.76 8.28 -0.01	131.31 8.93 0.00	146.15 10.32 0.00	204.90 7.35 -104.53	212.77 8.12 -101.88	176.99 7.47 -74.94	152.67 9.47 -20.20	141.09 9.43 -7.49	141.82 8.43 -16.39	146.78 7.28 -35.49



NEG CENTRAL_HIGH_ACRES 23767	89.52 -6.94 -1.30	81.89 -7.45 -0.68	81.57 -7.04 -0.62	76.76 -6.60 -0.91	84.42 -7.02 -0.26	85.50 -6.14 0.00	79.91 -5.13 -4.94	78.44 -4.92 -11.05	79.86 -5.59 -5.69	88.11 -6.65 -2.47	95.22 -8.98 17.17	93.36 -8.57 15.49	93.68 -8.82 16.74	91.39 -8.69 17.40	87.89 -8.74 16.85	95.43 -9.31 17.64	105.38 -10.19 20.26	91.00 -6.33 -4.30	95.72 -6.99 0.07	89.66 -6.62 -1.70	105.56 -9.23 8.21	98.66 -9.68 15.82	99.51 -9.13 8.37	95.75 -8.32 -0.07
NEG CENTRAL___DRP 24199	93.46 -2.66 -0.96	86.06 -2.84 -0.24	85.45 -2.99 -0.45	80.40 -2.72 -0.67	88.45 -2.92 -0.18	89.34 -2.29 0.00	85.41 -1.68 -7.00	87.99 -1.37 -17.05	91.74 -1.75 -13.74	94.98 -2.03 -4.73	91.11 -2.67 27.60	90.19 -2.82 24.40	89.95 -2.98 26.31	86.94 -2.82 27.73	83.61 -2.95 26.92	91.79 -2.81 27.77	103.08 -2.99 29.76	98.83 -1.77 -7.57	105.30 -1.75 -4.27	98.00 -1.70 -5.12	111.41 -2.71 8.89	95.41 -2.98 25.77	100.40 -3.16 13.44	100.83 -3.22 -0.05
NEG CENTRAL___INDECK 23768	90.47 -4.57 0.13	82.21 -5.23 1.21	82.90 -5.01 0.08	77.66 -4.70 0.10	86.21 -4.93 0.05	87.76 -3.85 0.03	102.12 -2.81 -24.83	136.41 -2.24 -66.35	142.81 -3.03 -66.09	121.14 -4.24 -33.10	54.93 -6.44 60.01	61.16 -6.23 50.03	57.51 -6.56 55.17	50.20 -6.23 61.06	47.29 -6.24 59.94	57.93 -5.87 58.58	84.32 -5.84 45.68	126.58 -2.79 -36.34	146.49 -3.08 -46.80	140.99 -3.03 -49.44	137.48 -5.05 -19.52	59.26 -5.59 59.31	81.18 -5.26 30.55	98.77 -5.20 0.04
NEG CENTRAL___SENECA 23627	91.84 -3.24 0.09	84.21 -3.46 0.99	84.33 -3.61 0.05	79.17 -3.22 0.07	87.68 -3.46 0.04	88.95 -2.66 0.03	86.05 -2.00 -7.96	91.95 -1.66 -21.30	95.35 -2.15 -17.75	93.11 -2.40 -3.23	64.98 -3.28 53.12	67.17 -3.41 46.84	65.73 -3.58 49.93	61.53 -3.41 52.55	59.00 -3.52 50.96	66.26 -3.43 52.69	75.33 -3.53 56.97	97.25 -2.14 -6.37	101.44 -2.16 -0.82	94.68 -2.08 -2.18	99.87 -3.20 19.93	71.46 -3.48 49.23	87.90 -3.74 25.36	100.03 -3.95 0.03
NEG CENTRAL___STATE_STREET 24147	96.72 -1.62 -3.17	89.46 -1.86 -2.67	87.49 -2.02 -1.53	82.87 -1.81 -2.23	89.91 -1.91 -0.65	90.39 -1.28 -0.04	86.42 -0.80 -7.12	85.60 -0.51 -13.80	89.68 -0.64 -10.56	101.23 -0.83 -9.78	136.97 -1.21 -16.80	130.72 -1.41 -14.71	132.38 -1.55 -14.69	131.29 -1.41 -15.21	126.63 -1.48 -14.62	136.38 -1.47 -15.47	152.67 -1.49 -18.33	105.07 -0.56 -12.60	116.21 -0.41 -13.85	107.81 -0.57 -13.80	134.48 -1.23 -12.71	137.38 -1.61 -14.83	122.37 -1.76 -7.12	102.34 -1.87 -0.20
NEG MILLWOOD___DRP 24198	120.62 6.47 -18.99	108.86 5.76 -14.45	103.94 5.54 -10.41	102.68 5.28 -14.95	103.09 5.93 -5.99	102.80 6.41 -4.75	141.73 6.01 -55.62	175.97 6.00 -97.66	156.51 6.94 -69.82	146.50 7.84 -46.38	139.30 10.07 -7.85	131.69 9.75 -4.53	128.54 9.30 0.00	127.20 9.40 -0.31	122.90 9.42 0.00	132.41 10.03 0.00	147.65 11.82 0.00	170.37 8.37 -68.97	167.22 9.35 -55.10	161.55 8.70 -58.27	150.11 10.82 -16.29	141.01 10.80 -6.04	127.67 9.01 -1.66	116.32 7.70 -4.62
NEG NORTH_FLCN_SEA 23793	96.78 1.62 0.00	90.69 2.04 0.00	90.01 2.02 0.00	84.35 1.90 0.00	93.10 1.91 0.00	93.19 1.56 0.00	80.66 0.56 0.00	73.11 0.80 0.00	80.23 0.48 0.00	92.56 0.28 0.00	121.25 -0.12 0.00	117.65 0.23 0.00	119.72 0.48 0.00	117.37 -0.12 0.00	113.59 0.11 0.00	122.38 0.00 0.00	135.56 -0.27 0.00	92.28 -0.74 0.00	101.54 -1.23 0.00	93.45 -1.13 0.00	121.77 -1.23 0.00	122.92 -1.24 0.00	116.18 -0.82 0.00	104.84 0.83 0.00
NEG NORTH_KES_CHATEGAY 23792	95.74 0.57 0.00	89.72 1.06 0.00	89.13 1.14 0.00	83.44 0.99 0.00	92.09 0.91 0.00	92.09 0.46 0.00	80.18 0.08 0.00	72.60 0.29 0.00	79.68 -0.08 0.00	92.00 -0.28 0.00	120.77 -0.61 0.00	117.06 -0.35 0.00	119.24 0.00 0.00	116.90 -0.59 0.00	113.14 -0.34 0.00	121.89 -0.49 0.00	135.02 -0.82 0.00	91.82 -1.21 0.00	101.03 -1.75 0.00	92.97 -1.61 0.00	121.28 -1.72 0.00	122.42 -1.74 0.00	115.83 -1.17 0.00	103.80 -0.21 0.00
NEG NORTH___ALICE_FALLS 23915	97.07 1.90 0.00	90.96 2.30 0.00	90.28 2.29 0.00	84.60 2.14 0.00	93.37 2.19 0.00	93.56 1.92 0.00	81.30 1.20 0.00	73.68 1.37 0.00	80.79 1.04 0.00	93.11 0.83 0.00	121.86 0.49 0.00	118.24 0.82 0.00	120.31 1.07 0.00	117.96 0.47 0.00	114.04 0.57 0.00	122.99 0.61 0.00	136.38 0.54 0.00	92.93 -0.09 0.00	102.16 -0.62 0.00	94.01 -0.57 0.00	122.38 -0.61 0.00	123.54 -0.62 0.00	116.88 -0.12 0.00	105.15 1.14 0.00
NEG NORTH___LWR_SARANAC 23913	97.07 1.90 0.00	90.96 2.30 0.00	90.28 2.29 0.00	84.60 2.14 0.00	93.37 2.19 0.00	93.56 1.92 0.00	81.30 1.20 0.00	73.68 1.37 0.00	80.79 1.04 0.00	93.11 0.83 0.00	121.86 0.49 0.00	118.24 0.82 0.00	120.31 1.07 0.00	117.96 0.47 0.00	114.04 0.57 0.00	122.99 0.61 0.00	136.38 0.54 0.00	92.93 -0.09 0.00	102.16 -0.62 0.00	94.01 -0.57 0.00	122.38 -0.61 0.00	123.54 -0.62 0.00	116.88 -0.12 0.00	105.15 1.14 0.00
NEG NORTH___PLATTSBURG 23628	97.07 1.90 0.00	90.95 2.30 0.00	89.92 1.93 0.00	84.59 2.14 0.00	93.46 2.28 0.00	93.56 1.93 0.00	81.46 1.36 0.00	73.68 1.37 0.00	80.87 1.12 0.00	93.11 0.83 0.00	121.86 0.49 0.00	118.24 0.83 0.00	120.31 1.07 0.00	117.96 0.47 0.00	114.05 0.57 0.00	122.99 0.61 0.00	136.38 0.55 0.00	92.93 -0.09 0.00	102.16 -0.61 0.00	94.02 -0.56 0.00	122.39 -0.61 0.00	123.55 -0.62 0.00	116.88 -0.12 0.00	105.15 1.15 0.00
NEG WEST_LEA_LOCKPORT 23791	83.34 -12.75 -0.93	76.15 -12.50 0.01	75.23 -13.20 -0.44	71.89 -11.21 -0.65	79.14 -12.22 -0.17	80.35 -11.27 0.01	72.34 -9.29 -1.53	65.88 -8.97 -2.53	66.62 -10.29 2.85	72.91 -12.09 7.28	68.43 -16.63 36.31	68.14 -15.97 33.31	68.01 -16.22 35.01	66.12 -15.74 35.63	63.55 -15.66 34.26	69.54 -16.03 36.81	69.91 -19.02 46.91	77.17 -12.09 3.77	74.83 -13.15 14.78	67.68 -12.48 14.41	76.27 -16.85 29.88	74.80 -17.13 32.23	84.67 -15.56 16.77	89.90 -14.15 -0.04
NEG WEST___LANCASTER 23811	88.21 -7.90 -0.94	82.40 -6.21 0.05	81.92 -6.51 -0.44	76.43 -6.68 -0.66	83.70 -7.66 -0.17	83.37 -8.25 0.01	74.73 -7.05 -1.68	71.17 -4.05 -2.91	72.00 -4.71 3.05	77.47 -5.72 9.09	68.15 -8.13 45.09	68.53 -7.63 41.26	68.00 -7.87 43.37	65.76 -7.52 44.21	63.34 -7.60 42.53	69.19 -7.59 45.60	69.09 -9.10 57.65	82.96 -5.40 4.67	79.41 -5.65 17.71	71.69 -5.58 17.31	78.98 -7.87 36.15	75.88 -8.19 40.08	88.92 -7.25 20.82	97.81 -6.24 -0.04
NEG_PENN_ALLEGHNY 23528	99.00 -1.14 -4.97	91.02 -1.06 -3.43	89.78 -1.15 -2.94	85.40 -1.23 -4.18	91.74 -1.37 -1.92	92.55 -1.10 -2.01	97.54 -0.56 -18.00	103.52 -0.22 -31.43	102.89 -0.24 -23.37	103.15 -0.46 -11.33	102.29 -0.72 18.36	99.57 -0.82 17.03	98.99 -0.96 19.30	96.53 -0.94 20.01	93.13 -0.91 19.43	101.19 -0.85 20.34	111.87 -0.68 23.29	111.78 -0.09 -18.85	117.16 0.10 -14.28	107.37 -0.09 -12.89	116.12 -0.49 6.39	106.18 -0.86 17.12	107.14 -0.94 8.92	104.96 -0.84 -1.78
NEG___GEN_MONROE 24207	89.24 -6.95 -1.02	81.47 -7.54 -0.36	80.82 -7.66 -0.49	76.74 -6.43 -0.72	84.54 -6.84 -0.20	85.86 -5.77 0.00	79.47 -4.89 -4.26	76.97 -4.99 -9.65	79.86 -5.74 -5.85	85.63 -6.83 -0.18	87.23 -9.59 24.56	86.08 -9.16 22.18	86.15 -9.42 23.67	83.84 -9.16 24.49	80.51 -9.31 23.66	88.27 -9.18 24.93	95.74 -10.73 29.36	89.54 -6.42 -2.94	93.23 -6.99 2.56	85.93 -6.62 2.03	99.51 -9.35 14.14	91.99 -9.81 22.37	96.18 -9.13 11.70	95.84 -8.22 -0.05

NEPA__ENERGY 23901	85.95 -10.09 -0.87	78.65 -9.93 0.07	78.10 -10.29 -0.41	73.82 -9.23 -0.61	81.22 -10.12 -0.16	82.18 -9.44 0.01	72.37 -7.77 -0.04	64.32 -6.65 1.34	64.92 -7.66 7.18	71.54 -9.14 11.60	65.46 -12.74 43.17	65.57 -12.09 39.75	65.35 -12.28 41.61	63.35 -11.98 42.15	60.96 -12.03 40.49	66.42 -12.24 43.72	64.46 -14.53 56.84	76.88 -8.93 7.21	72.14 -9.46 21.18	64.72 -8.99 20.88	72.19 -12.42 38.39	73.46 -12.66 38.04	86.12 -11.12 19.76	94.16 -9.88 -0.03
NEVERSINK__HYD 23608	117.17 4.95 -17.06	106.16 4.52 -12.98	101.62 4.14 -9.49	100.02 3.96 -13.61	101.26 4.47 -5.61	101.16 4.76 -4.76	135.89 4.89 -50.90	165.05 4.63 -88.11	148.79 5.26 -63.77	139.49 5.54 -41.68	135.23 6.79 -7.06	127.94 6.45 -4.07	125.32 6.08 0.00	123.87 6.11 -0.28	119.49 6.01 0.00	129.35 6.97 0.00	144.53 8.70 0.00	161.85 6.61 -62.22	160.12 7.40 -49.94	153.88 6.90 -52.40	146.11 8.48 -14.63	137.78 8.19 -5.43	125.46 6.78 -1.68	114.56 6.03 -4.53
NEWKRMKL_115KV_TB1 55635	121.76 3.52 -23.08	109.49 3.28 -17.56	110.16 3.34 -18.83	111.31 3.05 -25.81	112.01 3.28 -17.54	122.60 3.30 -27.67	191.08 2.64 -108.34	208.88 2.39 -134.18	212.44 2.79 -129.89	151.97 3.32 -56.37	135.41 4.49 -9.55	127.50 4.58 -5.50	124.01 4.77 0.00	122.80 4.93 -0.38	117.56 4.09 0.00	126.29 3.92 0.00	139.64 3.80 0.00	189.88 2.51 -94.34	191.00 2.67 -85.56	169.34 2.46 -72.30	145.99 3.20 -19.79	134.98 3.48 -7.34	131.07 4.09 -9.98	130.10 3.95 -22.14
NEWTON__FALLS_HYD 23847	96.22 0.57 -0.48	89.82 0.80 -0.36	88.92 0.70 -0.23	83.29 0.49 -0.34	91.37 0.09 -0.10	91.45 0.16 0.00	81.45 0.16 -1.19	75.20 0.51 -2.39	81.41 0.40 -1.25	93.91 0.46 -1.17	122.06 0.49 -0.20	117.88 0.35 -0.11	119.72 0.48 0.00	117.85 0.35 -0.01	113.82 0.34 0.00	122.62 0.24 0.00	135.83 0.00 0.00	94.79 0.19 -1.57	104.07 0.21 -1.10	96.12 0.09 -1.45	123.41 0.00 -0.41	124.56 0.25 -0.15	117.82 0.82 0.00	105.08 1.04 -0.03
NGRID_A1_DSASP 323792	82.78 -13.32 -0.94	75.08 -13.65 -0.08	75.41 -13.02 -0.44	70.99 -12.12 -0.65	78.23 -13.13 -0.18	79.44 -12.19 0.01	71.80 -9.77 -1.48	65.24 -9.47 -2.40	66.16 -10.85 2.75	71.97 -12.64 7.67	66.90 -17.48 37.00	66.70 -16.79 33.92	66.64 -16.93 35.67	64.50 -16.68 36.30	62.22 -16.34 34.92	67.14 -17.75 37.49	67.60 -20.52 47.72	76.25 -13.02 3.76	73.68 -14.18 14.91	66.44 -13.62 14.53	74.50 -18.20 30.29	72.94 -18.38 32.85	83.06 -16.85 17.09	88.76 -15.29 -0.04
NGRID_A2_DSASP 323793	82.78 -13.32 -0.94	75.08 -13.65 -0.08	75.41 -13.02 -0.44	70.99 -12.12 -0.65	78.23 -13.13 -0.18	79.44 -12.19 0.01	71.80 -9.77 -1.48	65.24 -9.47 -2.40	66.16 -10.85 2.75	71.97 -12.64 7.67	66.90 -17.48 37.00	66.70 -16.79 33.92	66.64 -16.93 35.67	64.50 -16.68 36.30	62.22 -16.34 34.92	67.14 -17.75 37.49	67.60 -20.52 47.72	76.25 -13.02 3.76	73.68 -14.18 14.91	66.44 -13.62 14.53	74.50 -18.20 30.29	72.94 -18.38 32.85	83.06 -16.85 17.09	88.76 -15.29 -0.04
NGRID_A4_DSASP 323807	82.78 -13.32 -0.94	75.08 -13.65 -0.08	75.41 -13.02 -0.44	70.99 -12.12 -0.65	78.23 -13.13 -0.18	79.44 -12.19 0.01	71.80 -9.77 -1.48	65.24 -9.47 -2.40	66.16 -10.85 2.75	71.97 -12.64 7.67	66.90 -17.48 37.00	66.70 -16.79 33.92	66.64 -16.93 35.67	64.50 -16.68 36.30	62.22 -16.34 34.92	67.14 -17.75 37.49	67.60 -20.52 47.72	76.25 -13.02 3.76	73.68 -14.18 14.91	66.44 -13.62 14.53	74.50 -18.20 30.29	72.94 -18.38 32.85	83.06 -16.85 17.09	88.76 -15.29 -0.04
NIAGARA_115E_LBMP 323715	82.77 -13.32 -0.93	75.97 -12.76 -0.08	75.50 -12.93 -0.44	71.23 -11.87 -0.65	78.31 -13.04 -0.17	79.53 -12.10 0.01	72.04 -9.69 -1.64	65.38 -9.76 -2.83	65.93 -11.08 2.74	72.09 -13.01 7.19	66.43 -17.96 36.99	66.36 -17.15 33.91	66.17 -17.41 35.66	64.16 -17.04 36.29	61.78 -16.79 34.91	66.91 -17.99 37.48	67.49 -20.64 47.70	76.16 -13.11 3.75	73.69 -14.18 14.90	66.53 -13.53 14.52	74.51 -18.20 30.28	72.95 -18.38 32.84	83.18 -16.73 17.09	88.55 -15.50 -0.04
NIAGARA_115W_LBMP 323714	82.69 -13.42 -0.94	74.91 -13.83 -0.08	75.32 -13.11 -0.44	70.91 -12.20 -0.65	78.14 -13.22 -0.18	79.35 -12.28 0.01	71.82 -9.77 -1.50	65.22 -9.55 -2.45	66.09 -10.92 2.74	71.94 -12.74 7.61	66.79 -17.60 36.99	66.60 -16.91 33.91	66.53 -17.05 35.66	64.39 -16.80 36.29	62.23 -16.34 34.91	67.15 -17.75 37.48	67.49 -20.64 47.70	76.16 -13.11 3.75	73.59 -14.28 14.90	66.35 -13.71 14.52	74.39 -18.33 30.28	72.82 -18.50 32.84	82.95 -16.97 17.09	88.55 -15.50 -0.04
NIAGARA_230_LBMP 323716	83.74 -12.37 -0.95	76.07 -12.68 -0.10	76.39 -12.05 -0.45	71.90 -11.21 -0.66	79.14 -12.22 -0.18	80.35 -11.27 0.01	72.06 -9.69 -1.66	65.69 -9.47 -2.85	66.35 -10.69 2.72	72.48 -12.64 7.17	67.17 -17.24 36.97	66.97 -16.55 33.89	66.80 -16.81 35.64	64.77 -16.45 36.27	62.36 -16.23 34.89	67.54 -17.38 37.46	68.31 -19.84 47.68	76.65 -12.65 3.73	74.22 -13.67 14.88	67.03 -13.05 14.50	75.27 -17.47 30.26	73.59 -17.76 32.82	83.68 -16.26 17.07	89.80 -14.25 -0.04
NIAGARA__115KV_198_GIBSON 55903	82.59 -13.51 -0.94	75.00 -13.74 -0.08	74.44 -13.99 -0.44	70.91 -12.20 -0.65	78.14 -13.22 -0.18	79.35 -12.28 0.01	71.83 -9.77 -1.50	65.20 -9.54 -2.44	66.08 -10.93 2.75	71.93 -12.73 7.62	66.79 -17.60 36.99	66.59 -16.91 33.91	66.53 -17.05 35.66	64.51 -16.68 36.29	62.23 -16.34 34.91	68.13 -16.77 37.48	67.48 -20.65 47.70	76.15 -13.12 3.76	73.59 -14.29 14.90	66.34 -13.71 14.53	74.39 -18.33 30.29	72.82 -18.50 32.84	82.95 -16.97 17.09	88.55 -15.50 -0.04
NIAGARA____ 23760	83.73 -12.37 -0.94	76.06 -12.68 -0.09	76.38 -12.05 -0.44	71.89 -11.21 -0.65	79.14 -12.22 -0.18	80.35 -11.27 0.01	72.06 -9.69 -1.66	65.69 -9.47 -2.85	66.34 -10.69 2.73	72.47 -12.64 7.17	67.17 -17.24 36.97	66.97 -16.55 33.90	66.79 -16.81 35.64	64.76 -16.45 36.28	62.36 -16.23 34.89	67.53 -17.38 37.47	68.31 -19.84 47.69	76.64 -12.65 3.73	74.22 -13.67 14.89	67.02 -13.05 14.50	75.26 -17.47 30.27	73.58 -17.76 32.82	83.67 -16.26 17.07	89.80 -14.25 -0.04
NINE_MILE_1 23575	92.41 -3.91 -1.16	85.63 -3.90 -0.88	84.76 -3.78 -0.55	79.72 -3.54 -0.81	87.50 -3.92 -0.23	87.98 -3.67 -0.01	79.76 -3.21 -2.87	75.17 -2.89 -5.76	79.51 -3.27 -3.03	91.32 -3.79 -2.83	116.76 -5.09 -0.48	112.77 -4.93 -0.28	114.12 -5.12 0.00	112.58 -4.93 -0.02	108.60 -4.88 0.00	117.12 -5.26 0.00	130.13 -5.70 0.00	93.11 -3.72 -3.80	101.41 -4.01 -2.65	94.29 -3.79 -3.50	118.83 -5.16 -0.99	119.20 -5.34 -0.37	111.85 -5.15 0.00	99.40 -4.68 -0.07
NINE_MILE_2 23744	92.41 -3.91 -1.15	85.72 -3.81 -0.88	84.76 -3.78 -0.55	79.72 -3.54 -0.81	87.50 -3.92 -0.23	87.98 -3.67 -0.01	79.83 -3.13 -2.86	75.16 -2.89 -5.75	79.50 -3.27 -3.02	91.32 -3.79 -2.82	116.76 -5.09 -0.48	112.76 -4.93 -0.28	114.12 -5.12 0.00	112.58 -4.93 -0.02	108.60 -4.88 0.00	117.12 -5.26 0.00	130.13 -5.70 0.00	93.10 -3.72 -3.79	101.40 -4.01 -2.64	94.28 -3.79 -3.49	118.83 -5.16 -0.99	119.20 -5.34 -0.37	111.85 -5.15 0.00	99.40 -4.68 -0.07
NM_CAPITAL__DRP 24208	121.89 3.71 -23.01	109.62 3.46 -17.51	110.03 3.52 -18.52	111.09 3.22 -25.42	111.81 3.56 -17.07	121.81 3.48 -26.70	189.35 2.88 -106.37	208.01 2.53 -133.17	210.47 3.03 -127.68	151.99 3.51 -56.21	135.75 4.86 -9.52	127.72 4.81 -5.49	124.13 4.89 0.00	123.03 5.17 -0.38	117.90 4.43 0.00	126.66 4.28 0.00	140.18 4.35 0.00	189.56 2.88 -93.64	190.51 3.19 -84.55	169.45 2.84 -72.03	146.43 3.69 -19.74	135.46 3.97 -7.32	130.95 4.33 -9.62	129.46 4.06 -21.40

NM_CENTRAL___DRP 24181	94.54 -2.28 -1.66	87.52 -2.39 -1.26	86.32 -2.46 -0.80	81.31 -2.31 -1.17	89.06 -2.46 -0.34	89.63 -2.02 -0.01	82.61 -1.60 -4.11	79.18 -1.37 -8.25	82.58 -1.52 -4.34	94.49 -1.85 -4.05	119.63 -2.43 -0.69	115.35 -2.47 -0.40	116.74 -2.50 0.00	115.05 -2.47 -0.03	110.98 -2.50 0.00	119.81 -2.57 0.00	132.98 -2.85 0.00	96.80 -1.67 -5.45	104.81 -1.75 -3.79	97.89 -1.70 -5.01	121.84 -2.58 -1.42	121.84 -2.86 -0.53	114.08 -2.93 0.00	101.41 -2.70 -0.10
NM_FRONTIER___DRP 24179	82.59 -13.51 -0.94	75.00 -13.74 -0.08	74.44 -13.99 -0.44	70.91 -12.20 -0.65	78.14 -13.22 -0.18	79.35 -12.28 0.01	71.83 -9.77 -1.50	65.20 -9.54 -2.44	66.08 -10.93 2.75	71.93 -12.73 7.62	66.79 -17.60 36.99	66.59 -16.91 33.91	66.53 -17.05 35.66	64.51 -16.68 36.29	62.23 -16.34 34.91	68.13 -16.77 37.48	67.48 -20.65 47.70	76.15 -13.12 3.76	73.59 -14.29 14.90	66.34 -13.71 14.53	74.39 -18.33 30.29	72.82 -18.50 32.84	82.95 -16.97 17.09	88.55 -15.50 -0.04
NM_ST_REGIS___HYD 24053	96.12 0.95 0.00	90.07 1.42 0.00	89.40 1.41 0.00	83.69 1.24 0.00	92.00 0.82 0.00	91.63 0.00 0.00	80.10 0.00 0.00	72.60 0.29 0.00	79.68 -0.08 0.00	92.28 0.00 0.00	121.01 -0.36 0.00	117.18 -0.23 0.00	119.36 0.12 0.00	117.14 -0.35 0.00	113.36 -0.11 0.00	121.64 -0.73 0.00	134.61 -1.22 0.00	91.82 -1.21 0.00	101.13 -1.64 0.00	93.16 -1.42 0.00	121.28 -1.72 0.00	123.05 -1.12 0.00	117.00 0.00 0.00	104.94 0.94 0.00
NORTHPORT___1 23551	121.38 7.43 -18.79	109.95 7.00 -14.30	105.13 6.87 -10.27	103.73 6.51 -14.76	109.42 7.20 -11.04	117.32 7.70 -17.99	141.70 6.73 -54.88	175.20 6.43 -96.46	156.24 7.58 -68.91	145.92 7.75 -45.89	139.83 10.55 -7.90	131.87 9.97 -4.48	128.66 9.31 -0.11	126.98 9.05 -0.44	123.24 9.76 0.00	134.73 11.25 -1.10	147.92 12.08 0.00	197.09 8.55 -95.51	176.61 9.87 -63.97	164.48 9.08 -60.81	150.42 11.31 -16.11	141.44 11.30 -5.98	128.21 9.60 -1.61	116.51 7.70 -4.81
NORTHPORT___2 23552	120.90 6.94 -18.79	109.51 6.56 -14.30	104.68 6.42 -10.27	103.23 6.02 -14.76	108.88 6.65 -11.04	116.86 7.24 -17.99	141.38 6.41 -54.88	174.61 5.85 -96.45	155.59 6.94 -68.90	145.64 7.47 -45.89	139.48 10.20 -7.91	131.53 9.63 -4.48	128.30 8.95 -0.11	126.75 8.82 -0.45	123.01 9.53 0.00	134.36 10.89 -1.10	147.10 11.27 0.00	196.31 8.00 -95.28	175.88 9.14 -63.97	163.80 8.41 -60.81	149.55 10.45 -16.11	140.94 10.80 -5.98	127.86 9.24 -1.61	116.21 7.39 -4.81
NORTHPORT___3 23553	121.57 7.62 -18.79	109.95 7.00 -14.30	105.13 6.87 -10.27	103.65 6.44 -14.76	109.34 7.12 -11.04	117.22 7.60 -17.99	141.94 6.97 -54.88	175.05 6.29 -96.45	156.08 7.42 -68.91	146.65 8.48 -45.89	140.69 10.80 -7.91	132.69 10.13 -4.48	129.48 10.13 -0.11	128.04 10.11 -0.45	124.04 10.56 0.00	135.34 11.87 -1.10	149.01 13.17 0.00	197.09 9.02 -95.04	176.82 10.08 -63.97	164.57 9.17 -60.81	150.80 11.69 -16.11	142.18 12.04 -5.98	128.68 10.06 -1.61	117.04 8.21 -4.82
NORTHPORT___4 23650	121.57 7.62 -18.79	109.95 7.00 -14.30	105.13 6.87 -10.27	103.65 6.44 -14.76	109.34 7.12 -11.04	117.22 7.60 -17.99	141.94 6.97 -54.88	175.05 6.29 -96.45	156.08 7.42 -68.91	146.65 8.48 -45.89	140.69 10.80 -7.91	132.69 10.13 -4.48	129.48 10.13 -0.11	128.04 10.11 -0.45	124.04 10.56 0.00	135.34 11.87 -1.10	149.01 13.17 0.00	197.09 9.02 -95.04	176.82 10.08 -63.97	164.57 9.17 -60.81	150.80 11.69 -16.11	142.18 12.04 -5.98	128.68 10.06 -1.61	117.04 8.21 -4.82
NORTHPORT___IC 23718	121.47 7.52 -18.79	109.60 6.65 -14.30	105.13 6.86 -10.27	103.73 6.51 -14.76	109.42 7.20 -11.03	117.31 7.70 -17.98	141.94 6.97 -54.88	175.13 6.36 -96.46	156.24 7.58 -68.91	145.92 7.75 -45.89	139.48 10.20 -7.90	131.88 9.98 -4.48	128.65 9.30 -0.11	126.98 9.05 -0.44	123.24 9.76 0.00	134.60 11.14 -1.09	147.92 12.09 0.00	196.99 8.47 -95.50	176.60 9.87 -63.97	164.46 9.08 -60.80	150.43 11.32 -16.11	141.44 11.30 -5.98	128.21 9.59 -1.61	116.41 7.59 -4.81
NORTH___COUNTRY_ESR 323785	95.45 0.29 0.00	89.45 0.80 0.00	88.52 0.53 0.00	83.19 0.74 0.00	91.82 0.64 0.00	91.82 0.18 0.00	80.02 -0.08 0.00	72.31 0.00 0.00	79.44 -0.32 0.00	91.82 -0.46 0.00	120.53 -0.84 0.00	116.83 -0.58 0.00	118.88 -0.36 0.00	116.67 -0.82 0.00	112.91 -0.56 0.00	121.65 -0.73 0.00	134.61 -1.22 0.00	91.54 -1.49 0.00	100.72 -2.05 0.00	92.69 -1.89 0.00	120.91 -2.09 0.00	122.17 -1.99 0.00	115.60 -1.40 0.00	103.49 -0.52 0.00
NPX_GEN_1385_PROXY 323591	122.70 8.75 -18.79	112.00 9.05 -14.30	106.80 8.53 -10.27	105.79 8.57 -14.76	111.43 9.21 -11.04	119.70 10.08 -17.99	142.50 7.53 -54.88	176.00 7.23 -96.46	157.28 8.62 -68.91	145.18 7.01 -45.89	139.23 9.95 -7.90	130.82 8.92 -4.48	127.94 8.59 -0.11	125.80 7.87 -0.44	122.22 8.74 0.00	134.00 10.53 -1.10	147.52 11.68 0.00	195.42 6.88 -95.51	176.00 9.25 -63.97	164.00 8.61 -60.81	150.42 11.31 -16.11	140.57 10.43 -5.98	127.98 9.36 -1.61	116.20 7.39 -4.81
NPX_GEN_CSC 323557	122.42 8.47 -18.79	111.46 8.51 -14.30	106.71 8.45 -10.27	105.05 7.84 -14.76	110.89 8.67 -11.04	118.97 9.35 -17.99	142.90 7.93 -54.88	177.15 8.38 -96.45	158.31 9.65 -68.91	147.40 9.23 -45.89	142.64 13.35 -7.91	134.34 12.44 -4.48	129.96 10.61 -0.11	128.39 10.45 -0.45	125.74 12.26 0.00	137.66 14.19 -1.10	151.85 16.02 0.00	200.10 11.82 -95.26	180.10 13.35 -63.97	167.68 12.29 -60.81	154.24 15.12 -16.11	145.03 14.89 -5.98	131.01 12.40 -1.61	118.81 9.99 -4.82
NSINS_S___GLNS_FALLS 23858	127.16 8.28 -23.72	114.33 7.62 -18.05	120.33 7.48 -24.86	122.96 7.17 -33.33	126.39 8.02 -27.18	147.67 8.06 -47.97	235.22 7.45 -147.68	230.89 6.87 -151.71	261.11 7.66 -173.70	158.80 8.58 -57.93	142.35 11.17 -9.81	133.29 10.22 -5.66	129.50 10.25 0.00	128.21 10.34 -0.39	123.58 10.10 0.00	133.39 11.01 0.00	148.74 12.90 0.00	208.60 9.21 -106.36	217.59 10.28 -104.54	179.57 9.36 -75.62	155.15 11.81 -20.34	143.63 11.92 -7.55	144.88 10.53 -17.35	150.54 9.05 -37.48
NUCOR_STEEL___DRP 24197	96.93 -1.43 -3.19	89.78 -1.60 -2.73	87.77 -1.76 -1.53	83.13 -1.57 -2.24	90.19 -1.64 -0.65	90.48 -1.19 -0.04	85.59 -0.72 -6.21	83.09 -0.58 -11.35	87.12 -0.72 -8.08	99.87 -0.92 -8.51	138.94 -1.34 -18.90	132.45 -1.41 -16.45	134.30 -1.55 -16.61	133.31 -1.53 -17.35	128.61 -1.59 -16.72	138.29 -1.59 -17.51	154.03 -1.63 -19.83	103.62 -0.65 -11.24	114.29 -0.51 -12.03	105.81 -0.66 -11.89	133.61 -1.23 -11.84	139.46 -1.61 -16.92	123.56 -1.64 -8.20	102.55 -1.66 -0.20
NUMBER_THREE_WT_PWR 323818	97.05 1.23 -0.65	90.39 1.24 -0.49	89.27 0.97 -0.31	83.65 0.74 -0.46	91.86 0.55 -0.13	92.56 0.92 -0.01	83.23 1.52 -1.61	76.95 1.66 -2.98	83.16 1.84 -1.57	95.68 1.94 -1.46	124.18 2.55 -0.25	119.78 2.23 -0.14	121.39 2.15 0.00	119.72 2.23 -0.01	115.40 1.93 0.00	124.95 2.57 0.00	138.69 2.86 0.00	97.59 2.60 -1.97	107.12 2.98 -1.37	98.94 2.55 -1.81	126.46 2.95 -0.51	127.08 2.73 -0.19	119.57 2.57 0.00	106.24 2.19 -0.04
NYISO_LBMP_REFERENCE 24008	95.16 0.00 0.00	88.65 0.00 0.00	87.99 0.00 0.00	82.45 0.00 0.00	91.18 0.00 0.00	91.63 0.00 0.00	80.10 0.00 0.00	72.31 0.00 0.00	79.76 0.00 0.00	92.28 0.00 0.00	121.38 0.00 0.00	117.42 0.00 0.00	119.24 0.00 0.00	117.49 0.00 0.00	113.48 0.00 0.00	122.38 0.00 0.00	135.83 0.00 0.00	93.03 0.00 0.00	102.77 0.00 0.00	94.58 0.00 0.00	123.00 0.00 0.00	124.16 0.00 0.00	117.00 0.00 0.00	104.01 0.00 0.00

NYPA_BRENTWD____GT 24164	122.33 8.38 -18.79	110.75 7.80 -14.30	105.92 7.65 -10.27	104.39 7.17 -14.76	110.15 7.93 -11.04	118.14 8.52 -17.99	142.66 7.69 -54.88	176.15 7.38 -96.46	157.28 8.62 -68.91	147.22 9.05 -45.89	141.54 12.25 -7.91	133.41 11.51 -4.48	130.09 10.74 -0.11	128.51 10.58 -0.45	124.83 11.35 0.00	136.44 12.97 -1.10	149.96 14.13 0.00	198.66 10.23 -95.40	178.36 11.61 -63.97	165.99 10.59 -60.81	152.28 13.17 -16.11	143.30 13.16 -5.98	129.74 11.12 -1.61	117.77 8.95 -4.82
NYPA_GOWANUS____GT5 24156	129.13 5.33 -28.64	125.29 4.52 -32.11	102.55 4.22 -10.33	101.18 3.96 -14.77	101.35 4.29 -5.88	101.06 4.76 -4.67	146.48 4.81 -61.57	184.79 4.85 -107.63	165.81 5.90 -80.15	156.29 6.83 -57.18	149.62 8.86 -19.39	133.12 8.57 -7.14	136.81 8.11 -9.46	137.83 8.22 -12.12	121.36 7.82 -0.06	130.58 8.20 0.00	144.40 8.56 0.00	167.58 6.33 -68.23	164.32 7.09 -54.46	158.78 6.52 -57.68	147.11 7.99 -16.12	138.34 8.19 -5.98	125.05 6.43 -1.62	140.57 6.03 -30.53
NYPA_GOWANUS____GT6 24157	129.13 5.33 -28.64	125.29 4.52 -32.11	102.55 4.22 -10.33	101.18 3.96 -14.77	101.35 4.29 -5.88	101.06 4.76 -4.67	146.48 4.81 -61.57	184.79 4.85 -107.63	165.81 5.90 -80.15	156.29 6.83 -57.18	149.62 8.86 -19.39	133.12 8.57 -7.14	136.81 8.11 -9.46	137.83 8.22 -12.12	121.36 7.82 -0.06	130.58 8.20 0.00	144.40 8.56 0.00	167.58 6.33 -68.23	164.32 7.09 -54.46	158.78 6.52 -57.68	147.11 7.99 -16.12	138.34 8.19 -5.98	125.05 6.43 -1.62	140.57 6.03 -30.53
NYPA_HARLEM__RVR__GT1 24160	118.62 4.66 -18.79	106.94 3.99 -14.29	101.95 3.69 -10.27	100.60 3.38 -14.76	100.80 3.74 -5.88	100.46 4.22 -4.60	139.23 4.24 -54.89	173.32 4.41 -96.60	154.11 5.43 -68.92	144.46 6.28 -45.90	137.69 8.26 -8.06	129.76 7.87 -4.47	126.99 7.52 -0.23	125.71 7.63 -0.59	120.85 7.37 0.00	130.08 7.71 0.01	144.39 8.56 0.01	167.48 6.23 -68.22	164.12 6.89 -54.46	158.59 6.34 -57.67	146.99 7.88 -16.11	137.84 7.70 -5.97	124.69 6.08 -1.61	114.57 5.40 -5.16
NYPA_HARLEM__RVR__GT2 24161	118.62 4.66 -18.79	106.94 3.99 -14.29	101.95 3.69 -10.27	100.60 3.38 -14.76	100.80 3.74 -5.88	100.46 4.22 -4.60	139.23 4.24 -54.89	173.32 4.41 -96.60	154.11 5.43 -68.92	144.46 6.28 -45.90	137.69 8.26 -8.06	129.76 7.87 -4.47	126.99 7.52 -0.23	125.71 7.63 -0.59	120.85 7.37 0.00	130.08 7.71 0.01	144.39 8.56 0.01	167.48 6.23 -68.22	164.12 6.89 -54.46	158.59 6.34 -57.67	146.99 7.88 -16.11	137.84 7.70 -5.97	124.69 6.08 -1.61	114.57 5.40 -5.16
NYPA_KENT____GT 24152	124.82 5.23 -24.43	117.67 4.52 -24.50	102.44 4.14 -10.31	101.10 3.88 -14.77	101.35 4.29 -5.88	101.04 4.76 -4.65	143.54 4.72 -58.72	180.00 4.77 -102.92	160.93 5.82 -75.36	151.37 6.73 -52.36	143.40 8.86 -13.17	131.88 8.46 -6.00	131.75 8.11 -4.39	131.50 8.22 -5.79	121.34 7.82 -0.04	130.70 8.33 0.00	144.80 8.96 0.00	167.76 6.51 -68.23	164.54 7.30 -54.46	158.87 6.62 -57.68	147.36 8.24 -16.12	138.46 8.32 -5.98	125.16 6.55 -1.62	126.51 5.93 -16.58
NYPA_POUCH1____GT 24155	58.39 4.85 41.63	58.38 4.08 34.35	39.86 3.78 51.91	38.41 3.46 47.51	38.49 3.83 56.52	39.78 4.31 56.17	145.99 4.32 -61.57	184.43 4.48 -107.63	103.42 5.50 -18.16	93.83 6.28 4.73	68.01 8.26 61.62	58.84 7.87 66.45	56.53 7.52 70.22	55.95 7.53 69.06	58.31 7.27 62.43	58.47 7.59 71.49	143.71 7.88 0.00	167.21 5.96 -68.23	163.91 6.68 -54.46	158.40 6.14 -57.68	146.62 7.50 -16.12	137.72 7.57 -5.98	124.46 5.85 -1.62	113.56 5.51 -4.04
NYPA_VERNON____GT2 24162	120.62 5.23 -20.22	110.06 4.52 -16.88	102.50 4.22 -10.29	101.18 3.96 -14.77	101.35 4.29 -5.88	101.02 4.76 -4.62	140.77 4.81 -55.86	175.37 4.85 -98.21	156.22 5.90 -70.56	146.55 6.73 -47.54	140.34 8.86 -10.11	130.85 8.57 -4.87	129.36 8.22 -1.90	128.39 8.22 -2.68	121.43 7.94 -0.01	130.82 8.44 0.00	145.20 9.37 0.00	168.04 6.79 -68.23	164.84 7.61 -54.46	159.16 6.90 -57.68	147.73 8.61 -16.12	138.59 8.45 -5.98	125.40 6.78 -1.62	119.68 5.93 -9.74
NYPA_VERNON____GT3 24163	120.62 5.23 -20.22	110.06 4.52 -16.88	102.50 4.22 -10.29	101.18 3.96 -14.77	101.35 4.29 -5.88	101.02 4.76 -4.62	140.77 4.81 -55.86	175.37 4.85 -98.21	156.22 5.90 -70.56	146.55 6.73 -47.54	140.34 8.86 -10.11	130.85 8.57 -4.87	129.36 8.22 -1.90	128.39 8.22 -2.68	121.43 7.94 -0.01	130.82 8.44 0.00	145.20 9.37 0.00	168.04 6.79 -68.23	164.84 7.61 -54.46	159.16 6.90 -57.68	147.73 8.61 -16.12	138.59 8.45 -5.98	125.40 6.78 -1.62	119.68 5.93 -9.74
NYPA__ASTORIA_CC1 323568	119.00 5.04 -18.79	107.30 4.34 -14.30	102.32 4.05 -10.28	101.02 3.79 -14.77	101.17 4.11 -5.88	100.92 4.67 -4.61	139.64 4.64 -54.90	173.62 4.70 -96.61	154.43 5.75 -68.93	144.74 6.55 -45.91	139.08 8.74 -8.96	130.36 8.46 -4.48	128.20 7.99 -0.96	127.10 8.10 -1.51	121.31 7.82 0.00	130.70 8.33 0.00	144.94 9.10 0.00	167.86 6.61 -68.23	164.64 7.40 -54.46	158.97 6.72 -57.68	147.49 8.37 -16.12	138.34 8.19 -5.98	125.16 6.55 -1.62	117.00 5.82 -7.17
NYPA__ASTORIA_CC2 323569	119.00 5.04 -18.79	107.30 4.34 -14.30	102.32 4.05 -10.28	101.02 3.79 -14.77	101.17 4.11 -5.88	100.92 4.67 -4.61	139.64 4.64 -54.90	173.62 4.70 -96.61	154.43 5.75 -68.93	144.74 6.55 -45.91	139.08 8.74 -8.96	130.36 8.46 -4.48	128.20 7.99 -0.96	127.10 8.10 -1.51	121.31 7.82 0.00	130.70 8.33 0.00	144.94 9.10 0.00	167.86 6.61 -68.23	164.64 7.40 -54.46	158.97 6.72 -57.68	147.49 8.37 -16.12	138.34 8.19 -5.98	125.16 6.55 -1.62	117.00 5.82 -7.17
NYPA__HOLTSVILL 23794	121.85 7.89 -18.79	110.40 7.45 -14.30	105.66 7.39 -10.27	104.06 6.84 -14.76	109.88 7.66 -11.04	117.87 8.25 -17.99	142.34 7.36 -54.88	175.99 7.23 -96.45	157.11 8.45 -68.91	146.84 8.67 -45.89	141.19 11.90 -7.91	133.06 11.16 -4.48	129.48 10.13 -0.11	127.92 9.98 -0.45	124.49 11.00 0.00	136.08 12.61 -1.10	149.83 13.99 0.00	198.33 10.05 -95.26	178.15 11.41 -63.97	165.89 10.50 -60.81	152.15 13.03 -16.11	143.05 12.91 -5.98	129.37 10.76 -1.61	117.45 8.63 -4.82
NYPA__HELLGATE_GT1 24158	118.62 4.66 -18.79	106.94 3.99 -14.29	101.95 3.69 -10.27	100.60 3.38 -14.76	100.80 3.74 -5.88	100.46 4.22 -4.60	139.23 4.24 -54.89	173.32 4.41 -96.60	154.11 5.43 -68.92	144.46 6.28 -45.90	137.69 8.26 -8.06	129.76 7.87 -4.47	126.99 7.52 -0.23	125.71 7.63 -0.59	120.85 7.37 0.00	130.08 7.71 0.01	144.39 8.56 0.01	167.48 6.23 -68.22	164.12 6.89 -54.46	158.59 6.34 -57.67	146.99 7.88 -16.11	137.84 7.70 -5.97	124.69 6.08 -1.61	114.57 5.40 -5.16
NYPA__HELLGATE_GT2 24159	118.62 4.66 -18.79	106.94 3.99 -14.29	101.95 3.69 -10.27	100.60 3.38 -14.76	100.80 3.74 -5.88	100.46 4.22 -4.60	139.23 4.24 -54.89	173.32 4.41 -96.60	154.11 5.43 -68.92	144.46 6.28 -45.90	137.69 8.26 -8.06	129.76 7.87 -4.47	126.99 7.52 -0.23	125.71 7.63 -0.59	120.85 7.37 0.00	130.08 7.71 0.01	144.39 8.56 0.01	167.48 6.23 -68.22	164.12 6.89 -54.46	158.59 6.34 -57.67	146.99 7.88 -16.11	137.84 7.70 -5.97	124.69 6.08 -1.61	114.57 5.40 -5.16
NYS_BARGE__HYD 23848	83.83 -12.28 -0.94	76.64 -12.14 -0.13	76.38 -12.05 -0.44	72.14 -10.97 -0.65	79.42 -11.94 -0.18	80.53 -11.09 0.01	73.00 -8.89 -1.80	66.87 -8.68 -3.24	67.82 -9.89 2.04	73.93 -11.72 6.63	69.70 -16.14 35.53	69.36 -15.50 32.55	69.24 -15.74 34.26	67.21 -15.39 34.90	64.70 -15.20 33.57	70.09 -16.28 36.01	71.70 -18.47 45.66	78.13 -11.72 3.17	76.38 -12.64 13.75	69.12 -12.11 13.36	78.00 -16.36 28.64	75.94 -16.63 31.59	85.47 -15.09 16.44	90.12 -13.93 -0.04

OAK ORCHARD___HYD 24046	89.53 -6.66 -1.03	81.66 -7.36 -0.37	81.61 -6.86 -0.49	76.74 -6.43 -0.72	84.63 -6.75 -0.20	85.86 -5.77 0.00	80.14 -4.89 -4.93	78.92 -4.84 -11.46	80.05 -5.59 -5.88	87.21 -6.65 -1.58	88.40 -9.11 23.87	87.30 -8.69 21.43	87.34 -8.94 22.96	84.91 -8.69 23.89	81.51 -8.85 23.12	88.87 -9.31 24.20	97.78 -10.33 27.72	90.27 -6.23 -3.47	94.10 -6.88 1.79	88.18 -6.52 -0.12	101.93 -9.23 11.84	92.57 -9.68 21.91	96.53 -9.01 11.46	95.84 -8.22 -0.05
OAKDALE___35_KV_LOAD 356122	98.20 -1.52 -4.56	90.14 -1.51 -2.99	89.08 -1.67 -2.76	84.80 -1.57 -3.92	91.32 -1.73 -1.87	92.24 -1.47 -2.08	96.95 -0.96 -17.81	103.00 -0.58 -31.27	102.42 -0.72 -23.38	101.39 -0.92 -10.03	94.26 -1.46 25.66	92.40 -1.53 23.49	91.54 -1.67 26.03	88.93 -1.53 27.03	85.68 -1.59 26.21	93.47 -1.47 27.44	102.94 -1.49 31.40	110.02 -0.56 -17.55	115.36 -0.51 -13.10	104.69 -0.66 -10.77	111.30 -1.23 10.47	98.92 -1.49 23.75	103.23 -1.52 12.25	104.47 -1.35 -1.81
OCC_CHEM___DRP 24175	82.78 -13.32 -0.94	75.08 -13.65 -0.08	74.53 -13.90 -0.44	70.99 -12.12 -0.65	78.32 -13.04 -0.18	79.44 -12.19 0.01	71.80 -9.77 -1.48	65.22 -9.47 -2.38	66.15 -10.85 2.76	71.96 -12.64 7.68	66.90 -17.48 37.00	66.70 -16.79 33.92	66.64 -16.93 35.67	64.62 -16.57 36.30	62.22 -16.34 34.92	68.12 -16.77 37.49	67.61 -20.51 47.72	76.24 -13.02 3.76	73.68 -14.18 14.91	66.42 -13.62 14.54	74.50 -18.20 30.30	72.94 -18.38 32.85	83.06 -16.85 17.09	88.76 -15.29 -0.04
OH_GEN_PROXY 24063	83.95 -12.18 -0.97	76.36 -12.41 -0.12	76.57 -11.88 -0.46	72.08 -11.05 -0.68	79.42 -11.94 -0.18	80.44 -11.18 0.01	72.65 -9.53 -2.09	67.01 -9.26 -3.96	67.80 -10.45 1.51	73.55 -12.36 6.37	67.82 -16.87 36.69	67.64 -16.20 33.57	67.44 -16.46 35.35	65.35 -16.09 36.05	62.90 -15.89 34.69	68.20 -17.01 37.17	69.65 -19.29 46.89	77.84 -12.28 2.91	75.82 -13.36 13.59	68.72 -12.67 13.19	76.88 -17.09 29.02	74.12 -17.38 32.66	84.10 -15.91 16.99	90.01 -14.04 -0.04
OLIN_CORP_DRP 24177	82.96 -13.13 -0.93	76.05 -12.68 -0.07	74.79 -13.64 -0.44	71.31 -11.79 -0.65	78.59 -12.77 -0.17	79.71 -11.91 0.01	72.04 -9.61 -1.55	65.27 -9.47 -2.58	65.94 -10.93 2.89	71.87 -12.92 7.49	66.31 -17.72 37.35	66.14 -17.03 34.25	66.07 -17.17 36.00	64.05 -16.80 36.64	61.67 -16.57 35.24	67.52 -17.01 37.85	67.27 -20.37 48.19	76.22 -12.93 3.88	73.55 -14.08 15.14	66.47 -13.34 14.77	74.39 -17.96 30.65	72.76 -18.25 33.15	83.25 -16.50 17.25	88.86 -15.19 -0.04
OLIN_CORP_DSASP 323712	82.78 -13.32 -0.94	75.08 -13.65 -0.08	75.41 -13.02 -0.44	70.99 -12.12 -0.65	78.23 -13.13 -0.18	79.44 -12.19 0.01	71.80 -9.77 -1.48	65.24 -9.77 -2.40	66.16 -10.85 2.75	71.97 -12.64 7.67	66.90 -17.48 37.00	66.70 -16.79 33.92	66.64 -16.93 35.67	64.50 -16.68 36.30	62.22 -16.34 34.92	67.14 -17.75 37.49	67.60 -20.52 47.72	76.25 -13.02 3.76	73.68 -14.18 14.91	66.44 -13.62 14.53	74.50 -18.20 30.29	72.94 -18.38 32.85	83.06 -16.85 17.09	88.76 -15.29 -0.04
ONEIDA_HERK_LFGE 323681	97.81 2.09 -0.56	91.03 1.95 -0.43	90.02 1.76 -0.27	84.33 1.49 -0.39	92.84 1.55 -0.11	93.57 1.93 0.00	83.72 2.24 -1.39	76.92 2.17 -2.44	83.51 2.48 -1.28	96.16 2.68 -1.20	125.22 3.64 -0.20	120.82 3.28 -0.12	122.46 3.22 0.00	120.78 3.29 -0.01	116.54 3.07 0.00	126.05 3.67 0.00	139.90 4.07 0.00	97.98 3.34 -1.61	107.70 3.80 -1.12	99.37 3.31 -1.48	127.35 3.93 -0.42	128.04 3.72 -0.16	120.51 3.51 0.00	106.95 2.91 -0.03
ONEIDA___115KV_TB4 55905	98.52 2.28 -1.07	91.51 2.04 -0.81	90.44 1.94 -0.51	84.94 1.73 -0.75	93.22 1.82 -0.22	94.03 2.38 -0.01	85.40 2.64 -2.66	80.31 2.68 -5.33	86.03 3.43 -2.85	99.94 3.69 -3.96	135.16 5.10 -8.69	129.55 4.58 -7.56	131.40 4.53 -7.63	130.03 4.58 -7.97	125.47 4.31 -7.68	135.43 5.02 -8.04	140.59 4.75 0.00	100.08 3.54 -3.52	109.23 4.01 -2.45	101.31 3.50 -3.23	128.10 4.18 -0.92	128.35 3.85 -0.34	120.51 3.51 0.00	106.99 2.91 -0.07
ONONDAGA_REF_OCCRA 23987	96.15 -1.71 -2.70	89.06 -1.86 -2.27	87.35 -1.94 -1.30	82.54 -1.81 -1.90	89.82 -1.91 -0.55	90.11 -1.56 -0.03	84.46 -1.12 -5.49	81.65 -0.87 -10.21	84.24 -0.96 -5.44	98.21 -1.20 -7.13	133.46 -1.70 -13.79	127.72 -1.64 -11.95	129.42 -1.79 -11.97	128.23 -1.76 -12.51	123.71 -1.82 -12.05	133.16 -1.84 -12.62	148.08 -1.90 -14.15	100.83 -1.02 -8.82	110.20 -1.03 -8.45	103.23 -1.04 -9.69	130.09 -1.72 -8.81	134.38 -1.99 -12.21	120.74 -2.11 -5.85	102.20 -1.98 -0.17
ONONDAGA___COGEN 23986	95.36 -1.71 -1.91	88.33 -1.77 -1.45	86.97 -1.94 -0.92	82.06 -1.73 -1.34	89.65 -1.91 -0.39	90.09 -1.56 -0.02	83.71 -1.12 -4.73	80.85 -0.94 -9.48	83.71 -1.04 -4.99	95.55 -1.38 -4.66	120.34 -1.82 -0.79	115.99 -1.88 -0.45	117.33 -1.91 0.00	115.64 -1.88 -0.03	111.55 -1.93 0.00	120.42 -1.96 0.00	133.66 -2.17 0.00	98.17 -1.12 -6.26	106.00 -1.13 -4.36	99.21 -1.13 -5.76	122.79 -1.84 -1.64	122.66 -2.11 -0.61	114.89 -2.11 0.00	102.04 -2.08 -0.12
ONTARIO___LFGE 23819	91.84 -3.24 0.09	84.20 -3.46 0.99	84.59 -3.34 0.05	79.17 -3.22 0.07	87.68 -3.46 0.04	88.95 -2.66 0.03	86.06 -2.00 -7.96	91.97 -1.66 -21.32	95.36 -2.15 -17.76	93.12 -2.40 -3.24	64.98 -3.27 53.12	67.17 -3.41 46.84	65.74 -3.57 49.93	61.42 -3.52 52.55	59.00 -3.52 50.96	66.26 -3.43 52.69	75.33 -3.53 56.97	97.27 -2.14 -6.37	101.43 -2.16 -0.82	94.60 -2.17 -2.19	99.87 -3.20 19.93	71.46 -3.48 49.23	87.89 -3.75 25.36	100.13 -3.85 0.03
ORANGEVILLE_WT_PWR 323706	84.82 -10.75 -0.41	77.68 -10.28 0.69	78.06 -10.12 -0.18	73.01 -9.73 -0.28	80.58 -10.67 -0.06	81.62 -9.99 0.02	62.06 -8.25 9.79	38.36 -7.16 26.79	35.36 -8.37 36.03	49.43 -9.97 32.88	45.43 -13.95 61.99	45.64 -13.39 58.39	45.51 -13.71 60.03	44.85 -13.28 59.36	43.92 -12.94 56.62	45.78 -13.70 62.89	30.25 -15.21 90.37	55.61 -9.58 27.84	36.78 -10.48 55.51	28.93 -9.93 55.72	33.08 -13.53 76.38	57.94 -13.53 52.70	77.59 -12.17 27.24	93.19 -10.82 0.00
ORANGEVILLE___ESR 323794	84.82 -10.75 -0.41	77.68 -10.28 0.69	78.06 -10.12 -0.18	73.01 -9.73 -0.28	80.58 -10.67 -0.06	81.62 -9.99 0.02	62.06 -8.25 9.79	38.36 -7.16 26.79	35.36 -8.37 36.03	49.43 -9.97 32.88	45.43 -13.95 61.99	45.64 -13.39 58.39	45.51 -13.71 60.03	44.85 -13.28 59.36	43.92 -12.94 56.62	45.78 -13.70 62.89	30.25 -15.21 90.37	55.61 -9.58 27.84	36.78 -10.48 55.51	28.93 -9.93 55.72	33.08 -13.53 76.38	57.94 -13.53 52.70	77.59 -12.17 27.24	93.19 -10.82 0.00
OSWEGATCHIE___HYD 24044	96.22 0.57 -0.48	89.81 0.80 -0.36	88.75 0.53 -0.23	83.29 0.50 -0.34	91.37 0.09 -0.10	91.46 -0.18 0.00	81.53 0.24 -1.19	75.07 0.51 -2.25	81.34 0.40 -1.18	93.85 0.46 -1.11	122.05 0.49 -0.19	117.88 0.35 -0.11	119.72 0.48 0.00	117.85 0.35 -0.01	113.82 0.34 0.00	122.62 0.25 0.00	135.83 0.00 0.00	94.70 0.19 -1.49	104.01 0.21 -1.03	96.04 0.09 -1.37	123.39 0.00 -0.39	124.56 0.25 -0.14	117.82 0.82 0.00	105.08 1.04 -0.03
OSWEGO___5 23606	93.27 -3.24 -1.34	86.39 -3.28 -1.02	85.38 -3.25 -0.64	80.35 -3.05 -0.94	88.17 -3.28 -0.27	88.62 -3.02 -0.01	80.85 -2.57 -3.32	76.66 -2.32 -6.67	80.63 -2.63 -3.51	92.42 -3.14 -3.27	117.80 -4.13 -0.55	113.62 -4.11 -0.32	115.06 -4.18 0.00	113.39 -4.12 -0.02	109.40 -4.08 0.00	118.09 -4.29 0.00	131.08 -4.76 0.00	94.45 -2.98 -4.40	102.65 -3.19 -3.06	95.60 -3.03 -4.05	119.97 -4.18 -1.15	120.12 -4.46 -0.43	112.79 -4.21 0.00	100.24 -3.85 -0.08

OSWEGO___6 23613	93.27 -3.24 -1.34	86.39 -3.28 -1.02	85.38 -3.25 -0.64	80.35 -3.05 -0.94	88.17 -3.28 -0.27	88.62 -3.02 -0.01	80.85 -2.57 -3.32	76.66 -2.32 -6.67	80.63 -2.63 -3.51	92.42 -3.14 -3.27	117.80 -4.13 -0.55	113.62 -4.11 -0.32	115.06 -4.18 0.00	113.39 -4.12 -0.02	109.40 -4.08 0.00	118.09 -4.29 0.00	131.08 -4.76 0.00	94.45 -2.98 -4.40	102.65 -3.19 -3.06	95.60 -3.03 -4.05	119.97 -4.18 -1.15	120.12 -4.46 -0.43	112.79 -4.21 0.00	100.24 -3.85 -0.08
OUTOKUMPU-AB___DRP 24206	84.38 -11.71 -0.92	77.00 -11.70 -0.05	76.19 -12.23 -0.43	72.54 -10.55 -0.64	79.86 -11.49 -0.17	80.99 -10.63 0.01	72.76 -8.57 -1.24	66.27 -7.81 -1.77	67.20 -8.93 3.62	73.42 -10.52 8.34	68.40 -14.69 38.29	68.31 -13.97 35.14	68.15 -14.19 36.91	66.10 -13.86 37.53	63.66 -13.73 36.08	69.63 -13.95 38.79	69.26 -16.98 49.59	77.70 -10.88 4.45	74.80 -11.82 16.16	67.53 -11.26 15.80	75.70 -15.37 31.93	74.58 -15.64 33.94	85.31 -14.04 17.65	91.15 -12.90 -0.04
OXBOW___BTM 323836	83.72 -12.37 -0.93	76.13 -12.59 -0.07	76.28 -12.14 -0.44	71.89 -11.21 -0.65	79.14 -12.22 -0.17	80.35 -11.27 0.01	72.48 -8.97 -1.35	65.86 -8.53 -2.08	66.84 -9.73 3.19	72.83 -11.45 8.01	67.83 -15.90 37.65	67.73 -15.15 34.54	67.56 -15.38 36.30	65.53 -15.04 36.92	63.11 -14.86 35.51	68.20 -16.03 38.15	68.69 -18.47 48.67	77.11 -11.82 4.10	74.38 -12.85 15.54	67.21 -12.20 15.17	75.40 -16.48 31.12	74.00 -16.76 33.40	84.42 -15.21 17.38	90.11 -13.93 -0.04
OXBOW____ 24026	83.72 -12.37 -0.93	76.13 -12.59 -0.07	75.49 -12.93 -0.44	71.89 -11.21 -0.65	79.14 -12.22 -0.17	80.35 -11.27 0.01	72.40 -9.05 -1.35	65.84 -8.53 -2.07	66.83 -9.73 3.20	72.82 -11.44 8.02	67.82 -15.90 37.65	67.73 -15.15 34.54	67.56 -15.38 36.30	65.53 -15.04 36.92	63.10 -14.87 35.51	69.05 -15.17 38.15	68.69 -18.47 48.67	77.20 -11.72 4.11	74.38 -12.85 15.54	67.11 -12.30 15.18	75.27 -16.60 31.12	74.00 -16.76 33.40	84.41 -15.21 17.38	90.11 -13.94 -0.04
OXY_CHEM_DSASP 323612	82.78 -13.32 -0.94	75.08 -13.65 -0.08	74.53 -13.90 -0.44	70.99 -12.12 -0.65	78.32 -13.04 -0.18	79.44 -12.19 0.01	71.80 -9.77 -1.48	65.22 -9.47 -2.38	66.15 -10.85 2.76	71.96 -12.64 7.68	66.90 -17.48 37.00	66.70 -16.79 33.92	66.64 -16.93 35.67	64.62 -16.57 36.30	62.22 -16.34 34.92	68.12 -16.77 37.49	67.61 -20.51 47.72	76.24 -13.02 3.76	73.68 -14.18 14.91	66.42 -13.62 14.54	74.50 -18.20 30.30	72.94 -18.38 32.85	83.06 -16.85 17.09	88.76 -15.29 -0.04
OZONE_PARK_ESR 323760	120.05 6.09 -18.79	108.10 5.14 -14.30	103.28 5.02 -10.28	101.92 4.70 -14.77	102.17 5.11 -5.88	101.84 5.59 -4.61	140.52 5.53 -54.89	174.33 5.42 -96.60	155.22 6.54 -68.93	145.66 7.47 -45.90	138.86 9.71 -7.77	131.29 9.39 -4.48	128.30 9.06 0.00	126.84 9.05 -0.31	122.33 8.85 0.00	131.80 9.42 0.00	146.70 10.87 0.00	169.06 7.81 -68.22	165.97 8.74 -54.46	160.29 8.04 -57.67	149.20 10.09 -16.12	139.95 9.81 -5.98	126.69 8.07 -1.62	115.38 6.86 -4.51
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	82.78 -13.32 -0.94	75.08 -13.65 -0.08	74.53 -13.90 -0.44	70.99 -12.12 -0.65	78.32 -13.04 -0.18	79.44 -12.19 0.01	71.80 -9.77 -1.48	65.22 -9.47 -2.38	66.15 -10.85 2.76	71.96 -12.64 7.68	66.90 -17.48 37.00	66.70 -16.79 33.92	66.64 -16.93 35.67	64.62 -16.57 36.30	62.22 -16.34 34.92	68.12 -16.77 37.49	67.61 -20.51 47.72	76.24 -13.02 3.76	73.68 -14.18 14.91	66.42 -13.62 14.54	74.50 -18.20 30.30	72.94 -18.38 32.85	83.06 -16.85 17.09	88.76 -15.29 -0.04
PACKARD___115KV_DUPONT_184 80571	82.78 -13.32 -0.94	75.08 -13.65 -0.08	74.53 -13.90 -0.44	70.99 -12.12 -0.65	78.32 -13.04 -0.18	79.44 -12.19 0.01	71.80 -9.77 -1.48	65.22 -9.47 -2.38	66.15 -10.85 2.76	71.96 -12.64 7.68	66.90 -17.48 37.00	66.70 -16.79 33.92	66.64 -16.93 35.67	64.62 -16.57 36.30	62.22 -16.34 34.92	68.12 -16.77 37.49	67.61 -20.51 47.72	76.24 -13.02 3.76	73.68 -14.18 14.91	66.42 -13.62 14.54	74.50 -18.20 30.30	72.94 -18.38 32.85	83.06 -16.85 17.09	88.76 -15.29 -0.04
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	118.81 4.85 -18.79	106.86 3.90 -14.30	101.96 3.70 -10.28	100.69 3.46 -14.77	100.80 3.74 -5.88	100.46 4.22 -4.61	139.24 4.25 -54.90	173.33 4.41 -96.61	154.03 5.34 -68.93	144.37 6.18 -45.91	137.58 8.13 -8.07	129.76 7.87 -4.48	126.99 7.51 -0.24	125.62 7.52 -0.61	120.74 7.26 0.00	129.97 7.59 0.00	144.39 8.56 0.00	167.48 6.23 -68.22	164.12 6.89 -54.46	158.59 6.34 -57.67	146.99 7.87 -16.12	137.84 7.70 -5.98	124.70 6.08 -1.62	114.59 5.41 -5.17
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	119.67 5.71 -18.79	107.65 4.70 -14.30	102.67 4.40 -10.28	101.34 4.12 -14.77	101.63 4.56 -5.88	101.29 5.04 -4.61	139.96 4.97 -54.90	173.91 4.99 -96.61	154.75 6.06 -68.93	145.11 6.92 -45.91	138.55 9.10 -8.07	130.70 8.81 -4.48	127.95 8.47 -0.24	126.56 8.46 -0.61	121.65 8.17 0.00	130.82 8.44 0.00	145.34 9.51 0.00	168.23 6.98 -68.22	165.05 7.81 -54.46	159.35 7.09 -57.67	147.98 8.86 -16.12	138.83 8.69 -5.98	125.64 7.02 -1.62	115.42 6.24 -5.17
PATROON___115KV_TB1 80586	122.03 3.71 -23.16	109.82 3.55 -17.62	111.27 3.61 -19.67	112.61 3.30 -26.86	113.63 3.56 -18.90	125.64 3.48 -30.53	196.83 2.88 -113.85	211.50 2.60 -136.59	218.80 3.03 -136.02	152.44 3.60 -56.56	135.81 4.86 -9.58	127.87 4.93 -5.52	124.25 5.01 0.00	123.15 5.29 -0.38	117.90 4.43 0.00	126.78 4.41 0.00	140.18 4.35 0.00	191.90 2.88 -95.99	194.05 3.08 -88.19	170.15 2.84 -72.73	146.43 3.57 -19.86	135.50 3.97 -7.37	132.34 4.33 -11.02	132.46 4.16 -24.30
PATTRSNVILLE___SOLAR 323815	123.85 4.29 -24.40	111.12 3.90 -18.57	117.96 3.87 -26.10	121.10 3.71 -34.94	124.12 4.11 -28.84	147.06 4.22 -51.21	239.48 4.00 -155.38	233.37 3.69 -157.38	265.85 4.07 -182.03	156.21 4.34 -59.59	136.93 5.47 -10.09	128.16 4.93 -5.82	124.13 4.89 0.00	122.82 4.93 -0.40	118.47 4.99 -0.01	127.89 5.51 0.00	142.76 6.92 0.00	208.24 5.11 -110.10	217.19 5.65 -108.77	177.67 5.20 -77.89	150.44 6.51 -20.93	138.38 6.45 -7.76	141.14 5.62 -18.52	148.76 4.79 -39.97
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	87.52 -8.56 -0.92	81.17 -7.45 0.04	80.59 -7.83 -0.43	75.59 -7.50 -0.64	82.87 -8.48 -0.17	83.01 -8.61 0.01	74.10 -7.21 -1.21	69.08 -4.92 -1.68	69.92 -5.66 4.17	75.91 -6.83 9.54	68.41 -9.59 43.38	68.48 -9.16 39.77	68.18 -9.30 41.76	65.96 -9.05 42.48	63.55 -9.08 40.85	69.42 -9.06 43.90	68.85 -11.00 55.98	81.17 -6.60 5.25	77.51 -6.99 18.28	69.96 -6.72 17.91	77.60 -9.47 35.93	75.89 -9.81 38.46	88.36 -8.66 19.98	96.35 -7.70 -0.04
PAWLING_115_KV_BK3_REV_LBMP_H 345028	120.62 6.47 -18.99	108.86 5.76 -14.45	103.94 5.54 -10.41	102.68 5.28 -14.95	103.09 5.93 -5.99	102.80 6.41 -4.75	141.73 6.01 -55.62	175.97 6.00 -97.66	156.51 6.94 -69.82	146.50 7.84 -46.38	139.30 10.07 -7.85	131.69 9.75 -4.53	128.54 9.30 0.00	127.20 9.40 -0.31	122.90 9.42 0.00	132.41 10.03 0.00	147.65 11.82 0.00	170.37 8.37 -68.97	167.22 9.35 -55.10	161.55 8.70 -58.27	150.11 10.82 -16.29	141.01 10.80 -6.04	127.67 9.01 -1.66	116.32 7.70 -4.62
PEEKSKILL____ 23653	118.90 5.14 -18.60	107.24 4.43 -14.15	102.47 4.31 -10.17	101.19 4.12 -14.61	101.47 4.47 -5.82	101.05 4.85 -4.56	139.15 4.72 -54.32	172.55 4.63 -95.61	153.47 5.50 -68.22	143.90 6.18 -45.43	137.20 8.13 -7.69	129.60 7.75 -4.44	126.76 7.52 0.00	125.32 7.53 -0.30	120.97 7.49 0.00	130.45 8.08 0.00	145.07 9.24 0.00	167.25 6.70 -67.52	164.08 7.40 -53.90	158.47 6.81 -57.08	147.43 8.48 -15.95	138.40 8.32 -5.92	125.50 6.90 -1.60	114.39 5.93 -4.46

PGE MADISON___WINDPWR 24146	110.66 6.28 -9.21	102.46 5.68 -8.13	98.46 5.19 -5.28	94.43 4.45 -7.53	99.11 4.65 -3.28	100.60 5.87 -3.09	109.62 6.49 -23.03	112.60 6.58 -33.71	115.28 7.02 -28.50	126.59 7.20 -27.10	200.61 9.47 -69.76	187.33 8.69 -61.22	190.10 8.47 -62.39	190.98 8.57 -64.92	183.78 7.72 -62.58	197.41 9.30 -65.74	222.66 10.73 -76.09	136.55 8.55 -34.97	154.89 9.87 -42.25	142.75 8.70 -39.47	178.26 10.20 -45.06	196.94 10.05 -62.72	158.14 9.24 -31.90	114.55 7.70 -2.84
PIERCEFIELD___HYD 23852	95.74 0.57 0.00	89.72 1.06 0.00	89.05 1.06 0.00	83.36 0.91 0.00	91.55 0.36 0.00	91.08 -0.55 0.00	79.62 -0.48 0.00	72.09 -0.22 0.00	79.20 -0.56 0.00	91.91 -0.37 0.00	120.65 -0.73 0.00	116.83 -0.59 0.00	119.00 -0.24 0.00	116.78 -0.70 0.00	112.91 -0.57 0.00	121.15 -1.22 0.00	133.93 -1.90 0.00	91.35 -1.67 0.00	100.72 -2.06 0.00	92.78 -1.80 0.00	120.91 -2.09 0.00	122.67 -1.49 0.00	116.88 -0.12 0.00	104.84 0.83 0.00
PINELAWN_CC_1 323563	121.47 7.52 -18.79	109.87 6.92 -14.30	105.04 6.78 -10.27	103.48 6.26 -14.76	109.24 7.02 -11.04	117.14 7.52 -17.99	141.94 6.97 -54.88	175.50 6.73 -96.47	156.56 7.90 -68.91	146.57 8.40 -45.89	140.58 11.29 -7.91	132.47 10.57 -4.48	129.25 9.89 -0.12	127.69 9.75 -0.45	123.91 10.43 0.00	135.34 11.87 -1.10	147.79 11.96 0.00	197.08 8.28 -95.77	176.00 9.25 -63.97	164.19 8.80 -60.81	149.94 10.83 -16.11	141.07 10.93 -5.98	128.68 10.06 -1.61	116.84 8.01 -4.83
PJM_GEN_HTP_PROXY 323702	119.38 5.42 -18.79	107.56 4.61 -14.30	102.75 4.49 -10.28	101.50 4.28 -14.76	101.71 4.65 -5.88	101.28 5.04 -4.61	139.95 4.97 -54.89	173.82 4.92 -96.59	154.58 5.90 -68.92	144.91 6.73 -45.90	138.16 8.86 -7.93	130.36 8.46 -4.48	127.48 8.11 -0.12	126.05 8.10 -0.46	121.42 7.94 0.00	131.07 8.69 0.00	145.62 9.79 0.00	168.31 7.07 -68.21	165.14 7.91 -54.45	159.43 7.18 -57.66	148.09 8.97 -16.12	138.96 8.82 -5.98	125.87 7.26 -1.62	115.00 6.13 -4.85
PJM_GEN_KEystone 24065	36.19 -6.09 52.88	35.32 -5.85 47.48	34.20 -5.81 47.98	34.77 -5.52 42.16	37.13 -6.11 47.94	40.59 -5.87 45.18	57.00 -4.80 18.29	69.29 -3.98 -0.96	48.67 -4.46 26.62	42.49 -5.35 44.44	38.78 -7.41 75.19	36.57 -7.17 73.68	34.86 -7.39 76.99	34.03 -7.17 76.29	33.54 -7.04 72.90	33.78 -7.47 81.13	39.28 -8.29 88.26	55.82 -5.02 32.18	53.02 -5.35 44.40	49.82 -5.20 39.56	45.65 -7.26 70.09	42.02 -7.58 74.57	38.43 -7.14 71.43	35.77 -6.24 62.00
PJM_GEN_NEPTUNE_PROXY 323594	120.23 6.28 -18.79	108.63 5.68 -14.30	103.81 5.55 -10.27	102.41 5.20 -14.76	105.60 5.75 -8.67	109.70 6.23 -11.83	140.74 5.77 -54.88	174.30 5.57 -96.43	155.28 6.62 -68.91	145.37 7.20 -45.89	138.88 9.59 -7.92	130.94 9.04 -4.48	127.83 8.47 -0.12	126.41 8.46 -0.46	122.34 8.86 0.00	132.88 9.91 -0.59	146.83 11.00 0.00	180.58 8.00 -79.55	171.30 8.94 -59.59	162.17 8.22 -59.36	149.20 10.09 -16.11	140.19 10.05 -5.98	126.92 8.31 -1.61	115.60 6.76 -4.84
PJM_GEN_VFT_PROXY 323633	47.88 4.57 51.85	39.71 3.90 52.84	39.71 3.69 51.98	38.48 3.54 47.52	38.48 3.83 56.53	39.71 4.31 56.23	75.72 4.32 8.70	110.84 4.34 -34.20	91.53 5.26 -6.51	81.84 5.99 16.44	64.45 7.88 64.81	55.73 7.52 69.21	53.57 7.15 72.83	52.47 7.29 72.30	58.02 7.04 62.50	58.59 7.71 71.50	70.31 8.70 74.23	88.02 6.33 11.34	86.69 7.09 23.17	82.21 6.43 18.81	71.11 7.99 59.88	63.71 7.70 68.16	58.59 6.20 64.61	70.11 5.30 39.20
PLATSBURG_115KV_PMLD1 355749	96.69 1.52 0.00	90.60 1.95 0.00	90.01 2.02 0.00	84.27 1.81 0.00	93.10 1.91 0.00	93.10 1.47 0.00	80.74 0.64 0.00	73.18 0.87 0.00	80.31 0.56 0.00	92.65 0.37 0.00	121.38 0.00 0.00	117.77 0.35 0.00	119.96 0.72 0.00	117.61 0.12 0.00	113.70 0.23 0.00	122.50 0.12 0.00	135.83 0.00 0.00	92.38 -0.65 0.00	101.64 -1.13 0.00	93.54 -1.04 0.00	121.89 -1.11 0.00	123.05 -1.12 0.00	116.42 -0.59 0.00	104.84 0.83 0.00
PLEASANTVLY___LBMP 24000	119.70 4.95 -19.59	107.90 4.34 -14.90	102.94 4.22 -10.73	101.91 4.04 -15.41	101.81 4.47 -6.16	101.18 4.67 -4.87	141.91 4.49 -57.33	177.37 4.34 -100.72	156.82 5.10 -71.96	145.93 5.81 -47.84	137.00 7.53 -8.10	129.37 7.28 -4.67	126.28 7.04 0.00	124.86 7.05 -0.32	120.40 6.92 0.00	129.84 7.47 0.00	144.39 8.56 0.00	170.39 6.23 -71.13	166.47 6.89 -56.81	161.03 6.34 -60.11	147.67 7.87 -16.80	138.22 7.82 -6.23	125.26 6.55 -1.71	114.37 5.62 -4.75
PLSNTVLE_13_KV_13.8KVDIST 80602	119.52 5.42 -18.93	107.76 4.70 -14.40	102.92 4.58 -10.35	101.61 4.29 -14.87	101.85 4.74 -5.92	101.32 5.04 -4.64	140.27 4.89 -55.28	174.39 4.77 -97.30	154.84 5.66 -69.42	144.98 6.46 -46.24	137.58 8.37 -7.83	130.03 8.10 -4.51	127.11 7.87 0.00	125.67 7.87 -0.31	121.19 7.72 0.00	130.58 8.20 0.00	145.34 9.51 0.00	168.63 6.88 -68.71	165.34 7.71 -54.85	159.67 7.00 -58.09	147.97 8.73 -16.24	138.75 8.57 -6.02	125.76 7.14 -1.63	114.68 6.14 -4.54
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	119.52 5.42 -18.93	107.76 4.70 -14.40	102.92 4.58 -10.35	101.61 4.29 -14.87	101.85 4.74 -5.92	101.32 5.04 -4.64	140.27 4.89 -55.28	174.39 4.77 -97.30	154.84 5.66 -69.42	144.98 6.46 -46.24	137.58 8.37 -7.83	130.03 8.10 -4.51	127.11 7.87 0.00	125.67 7.87 -0.31	121.19 7.72 0.00	130.58 8.20 0.00	145.34 9.51 0.00	168.63 6.88 -68.71	165.34 7.71 -54.85	159.67 7.00 -58.09	147.97 8.73 -16.24	138.75 8.57 -6.02	125.76 7.14 -1.63	114.68 6.14 -4.54
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	120.25 5.90 -19.19	108.48 5.23 -14.60	103.63 5.02 -10.62	102.47 4.78 -15.24	102.78 5.38 -6.22	102.49 5.68 -5.17	142.44 5.45 -56.90	176.39 5.13 -98.94	156.97 5.90 -71.31	145.69 6.55 -46.86	137.69 8.37 -7.94	130.09 8.10 -4.57	126.99 7.75 0.00	125.56 7.75 -0.31	121.19 7.72 0.00	130.70 8.32 0.00	145.88 10.05 0.00	170.24 7.35 -69.86	166.88 8.12 -55.99	160.96 7.47 -58.90	148.80 9.35 -16.46	139.33 9.06 -6.10	126.54 7.72 -1.82	115.72 6.76 -4.95
POLETTI_____ 23519	119.00 5.04 -18.79	107.21 4.26 -14.30	102.40 4.14 -10.28	101.10 3.88 -14.77	101.35 4.29 -5.88	100.92 4.67 -4.61	139.62 4.65 -54.88	173.52 4.63 -96.59	154.25 5.58 -68.91	144.63 6.46 -45.89	137.51 8.37 -7.76	129.98 8.10 -4.47	126.98 7.75 0.02	125.53 7.75 -0.29	121.06 7.60 0.02	130.44 8.08 0.02	145.05 9.24 0.02	168.02 6.79 -68.20	164.72 7.50 -54.44	159.14 6.90 -57.65	147.59 8.49 -16.10	138.44 8.32 -5.96	125.27 6.67 -1.60	114.24 5.72 -4.51
POMONA___ESR 323819	118.14 4.85 -18.12	106.70 4.26 -13.79	102.03 4.14 -9.90	100.56 3.88 -14.23	101.13 4.29 -5.67	100.73 4.67 -4.43	137.56 4.56 -52.90	169.87 4.41 -93.15	151.46 5.26 -66.44	142.46 5.91 -44.27	136.65 7.77 -7.50	129.14 7.40 -4.32	126.27 7.03 0.00	124.95 7.17 -0.30	120.52 7.04 0.00	130.09 7.71 0.00	144.66 8.82 0.00	165.23 6.41 -65.78	162.47 7.19 -52.51	156.72 6.52 -55.62	146.66 8.12 -15.55	137.88 7.95 -5.77	125.10 6.55 -1.55	114.06 5.72 -4.33
PORT_JEFF_3 23555	122.33 8.38 -18.79	110.75 7.80 -14.30	106.01 7.74 -10.27	104.39 7.17 -14.76	110.25 8.03 -11.04	118.23 8.61 -17.99	142.66 7.69 -54.88	176.35 7.59 -96.45	157.51 8.85 -68.91	147.31 9.14 -45.89	141.79 12.50 -7.91	133.64 11.74 -4.48	129.96 10.61 -0.11	128.51 10.58 -0.45	125.06 11.58 0.00	136.69 13.22 -1.10	150.51 14.67 0.00	198.80 10.51 -95.26	178.56 11.81 -63.97	166.45 11.06 -60.81	152.76 13.65 -16.11	143.68 13.54 -5.98	129.96 11.35 -1.61	117.98 9.15 -4.82

PORT_JEFF_4 23616	122.33 8.38 -18.79	110.75 7.80 -14.30	106.01 7.74 -10.27	104.39 7.17 -14.76	110.25 8.03 -11.04	118.23 8.61 -17.99	142.66 7.69 -54.88	176.35 7.59 -96.45	157.51 8.85 -68.91	147.31 9.14 -45.89	141.79 12.50 -7.91	133.64 11.74 -4.48	129.96 10.61 -0.11	128.51 10.58 -0.45	125.06 11.58 0.00	136.69 13.22 -1.10	150.51 14.67 0.00	198.80 10.51 -95.26	178.56 11.81 -63.97	166.45 11.06 -60.81	152.76 13.65 -16.11	143.68 13.54 -5.98	129.96 11.35 -1.61	117.98 9.15 -4.82
PORT_JEFF_IC 23713	122.42 8.47 -18.79	110.66 7.71 -14.30	106.09 7.83 -10.27	104.55 7.34 -14.76	110.33 8.12 -11.03	118.32 8.71 -17.98	142.90 7.93 -54.88	176.43 7.66 -96.45	157.59 8.93 -68.91	147.40 9.23 -45.89	141.67 12.38 -7.91	133.76 11.86 -4.48	130.20 10.85 -0.11	128.63 10.69 -0.45	125.16 11.69 0.00	136.81 13.34 -1.09	150.77 14.94 0.00	198.80 10.51 -95.26	178.66 11.92 -63.97	166.73 11.35 -60.80	153.14 14.02 -16.11	143.92 13.78 -5.98	130.20 11.58 -1.61	118.08 9.26 -4.82
PPL_PILGRIM_ST_GT1 24216	122.33 8.38 -18.79	110.75 7.80 -14.30	105.92 7.65 -10.27	104.39 7.17 -14.76	110.15 7.93 -11.04	118.14 8.52 -17.99	142.66 7.69 -54.88	176.15 7.38 -96.46	157.28 8.62 -68.91	147.22 9.05 -45.89	141.54 12.25 -7.91	133.41 11.51 -4.48	130.09 10.74 -0.11	128.51 10.58 -0.45	124.83 11.35 0.00	136.44 12.97 -1.10	149.96 14.13 0.00	198.66 10.23 -95.40	178.36 11.61 -63.97	165.99 10.59 -60.81	152.28 13.17 -16.11	143.30 13.16 -5.98	129.74 11.12 -1.61	117.77 8.95 -4.82
PPL_PILGRIM_ST_GT2 24217	122.33 8.38 -18.79	110.75 7.80 -14.30	105.92 7.65 -10.27	104.39 7.17 -14.76	110.15 7.93 -11.04	118.14 8.52 -17.99	142.66 7.69 -54.88	176.15 7.38 -96.46	157.28 8.62 -68.91	147.22 9.05 -45.89	141.54 12.25 -7.91	133.41 11.51 -4.48	130.09 10.74 -0.11	128.51 10.58 -0.45	124.83 11.35 0.00	136.44 12.97 -1.10	149.96 14.13 0.00	198.66 10.23 -95.40	178.36 11.61 -63.97	165.99 10.59 -60.81	152.28 13.17 -16.11	143.30 13.16 -5.98	129.74 11.12 -1.61	117.77 8.95 -4.82
PPL_SHRM_GT3 24213	122.52 8.57 -18.79	111.46 8.51 -14.30	106.71 8.45 -10.27	105.05 7.84 -14.76	110.89 8.67 -11.04	118.97 9.35 -17.99	142.98 8.01 -54.88	177.15 8.38 -96.45	158.31 9.65 -68.91	147.49 9.32 -45.89	142.64 13.35 -7.91	134.34 12.44 -4.48	129.96 10.61 -0.11	128.39 10.45 -0.45	125.74 12.26 0.00	137.66 14.19 -1.10	151.85 16.02 0.00	200.11 11.82 -95.27	180.10 13.35 -63.97	167.68 12.29 -60.81	154.24 15.12 -16.11	145.03 14.89 -5.98	131.01 12.40 -1.61	118.81 9.99 -4.82
PPL_SHRM_GT4 24214	122.52 8.57 -18.79	111.46 8.51 -14.30	106.71 8.45 -10.27	105.05 7.84 -14.76	110.89 8.67 -11.04	118.97 9.35 -17.99	142.98 8.01 -54.88	177.15 8.38 -96.45	158.31 9.65 -68.91	147.49 9.32 -45.89	142.64 13.35 -7.91	134.34 12.44 -4.48	129.96 10.61 -0.11	128.39 10.45 -0.45	125.74 12.26 0.00	137.66 14.19 -1.10	151.85 16.02 0.00	200.11 11.82 -95.27	180.10 13.35 -63.97	167.68 12.29 -60.81	154.24 15.12 -16.11	145.03 14.89 -5.98	131.01 12.40 -1.61	118.81 9.99 -4.82
PROJECT___ORANGE 1 24174	94.56 -2.28 -1.68	87.54 -2.39 -1.28	86.33 -2.46 -0.81	81.41 -2.23 -1.18	89.06 -2.46 -0.34	89.63 -2.02 -0.01	82.75 -1.52 -4.17	79.30 -1.37 -8.36	82.72 -1.44 -4.40	94.63 -1.75 -4.11	119.76 -2.31 -0.70	115.47 -2.35 -0.40	116.74 -2.50 0.00	115.17 -2.35 -0.03	110.98 -2.50 0.00	119.93 -2.45 0.00	132.98 -2.85 0.00	96.87 -1.67 -5.52	104.87 -1.75 -3.84	97.96 -1.70 -5.08	121.98 -2.46 -1.44	121.84 -2.86 -0.54	114.19 -2.81 0.00	101.41 -2.70 -0.10
PROJECT___ORANGE 2 24166	94.56 -2.28 -1.68	87.54 -2.39 -1.28	86.33 -2.46 -0.81	81.41 -2.23 -1.18	89.06 -2.46 -0.34	89.63 -2.02 -0.01	82.75 -1.52 -4.17	79.30 -1.37 -8.36	82.72 -1.44 -4.40	94.63 -1.75 -4.11	119.76 -2.31 -0.70	115.47 -2.35 -0.40	116.74 -2.50 0.00	115.17 -2.35 -0.03	110.98 -2.50 0.00	119.93 -2.45 0.00	132.98 -2.85 0.00	96.87 -1.67 -5.52	104.87 -1.75 -3.84	97.96 -1.70 -5.08	121.98 -2.46 -1.44	121.84 -2.86 -0.54	114.19 -2.81 0.00	101.41 -2.70 -0.10
PUCKETT___SOLAR 323809	101.84 0.48 -6.20	93.82 0.45 -4.72	91.94 0.26 -3.68	87.77 0.08 -5.23	93.70 0.09 -2.43	94.66 0.46 -2.56	101.18 1.04 -20.05	106.23 1.30 -32.62	106.30 1.27 -25.27	108.54 1.11 -15.15	125.34 1.34 -2.63	120.01 1.05 -1.54	120.14 0.84 -0.06	118.59 0.94 -0.16	114.34 0.80 -0.06	123.79 1.35 -0.06	137.97 2.04 -0.09	118.17 1.96 -23.18	124.30 2.37 -19.16	115.75 1.99 -19.18	130.49 2.09 -5.40	128.06 1.87 -2.03	119.46 1.52 -0.94	107.43 1.15 -2.27
PYRITES___HYD 24023	97.35 2.19 0.00	91.31 2.66 0.00	90.63 2.64 0.00	84.68 2.23 0.00	93.01 1.82 0.00	92.73 1.10 0.00	81.30 1.20 0.00	73.68 1.37 0.00	80.95 1.20 0.00	93.57 1.29 0.00	122.83 1.46 0.00	118.83 1.41 0.00	121.03 1.79 0.00	118.78 1.29 0.00	114.95 1.48 0.00	123.60 1.22 0.00	136.78 0.95 0.00	93.40 0.37 0.00	103.08 0.31 0.00	94.96 0.38 0.00	123.61 0.61 0.00	125.40 1.24 0.00	119.22 2.22 0.00	106.71 2.70 0.00
QUAKERRD_115KV_BK1 80622	88.73 -7.52 -1.08	81.13 -7.98 -0.45	80.41 -8.10 -0.51	76.12 -7.09 -0.76	83.92 -7.48 -0.21	84.94 -6.69 0.00	79.21 -5.69 -4.80	77.89 -5.42 -11.00	79.17 -6.22 -5.63	86.78 -7.29 -1.79	90.31 -9.83 21.23	88.82 -9.51 19.09	88.98 -9.78 20.49	86.66 -9.52 21.31	83.21 -9.65 20.63	90.99 -9.79 21.59	99.93 -11.14 24.77	89.65 -6.98 -3.60	93.79 -7.71 1.27	87.76 -7.38 -0.55	102.32 -10.21 10.47	94.10 -10.55 19.51	96.82 -9.95 10.23	95.02 -9.05 -0.06
QUENSBRY_115KV_TB8 356137	127.38 8.47 -23.74	114.52 7.80 -18.07	120.62 7.66 -24.97	123.27 7.34 -33.47	126.75 8.21 -27.36	148.21 8.25 -48.33	236.12 7.61 -148.41	231.48 7.09 -152.08	262.17 7.90 -174.52	159.04 8.77 -57.99	142.73 11.53 -9.82	133.65 10.57 -5.66	129.73 10.49 0.00	128.57 10.69 -0.39	123.92 10.44 0.00	133.64 11.26 0.00	149.14 13.31 0.00	209.13 9.49 -106.61	218.16 10.48 -104.91	179.95 9.65 -75.72	155.54 12.18 -20.36	144.01 12.29 -7.55	145.24 10.76 -17.48	151.02 9.26 -37.76
RAMAPO___LBMP 323565	117.90 4.66 -18.07	106.48 4.08 -13.75	101.82 3.96 -9.87	100.35 3.71 -14.19	100.93 4.10 -5.65	100.53 4.49 -4.41	137.15 4.33 -52.73	169.43 4.27 -92.85	151.00 5.02 -66.22	142.13 5.72 -44.13	136.25 7.40 -7.47	128.89 7.16 -4.31	126.04 6.80 0.00	124.60 6.81 -0.29	120.29 6.81 0.00	129.60 7.22 0.00	144.25 8.42 0.00	164.74 6.14 -65.57	162.00 6.89 -52.34	156.26 6.24 -55.44	146.37 7.87 -15.50	137.61 7.70 -5.75	124.86 6.32 -1.54	113.73 5.41 -4.32
RANKINE____ 23646	85.87 -10.18 -0.88	78.67 -9.93 0.05	78.02 -10.38 -0.41	73.75 -9.32 -0.62	81.22 -10.12 -0.16	82.09 -9.53 0.01	72.48 -8.01 -0.39	65.02 -6.87 0.42	65.63 -7.90 6.23	72.04 -9.41 10.83	65.67 -13.11 42.59	65.79 -12.45 39.18	65.44 -12.76 41.05	63.52 -12.34 41.63	61.11 -12.37 40.00	66.76 -12.48 43.13	65.10 -14.94 55.79	77.19 -9.30 6.54	72.74 -9.97 20.07	65.38 -9.46 19.75	72.92 -12.91 37.17	73.28 -13.29 37.60	85.65 -11.82 19.53	93.54 -10.50 -0.04
RAVENSWOOD_GT2_1 24244	119.38 5.42 -18.79	107.48 4.52 -14.30	102.67 4.40 -10.28	101.34 4.12 -14.77	101.63 4.56 -5.88	101.20 4.95 -4.61	139.88 4.89 -54.90	173.76 4.84 -96.61	154.51 5.82 -68.93	144.83 6.64 -45.91	138.05 8.74 -7.94	130.35 8.45 -4.48	127.48 8.11 -0.13	126.07 8.11 -0.47	121.42 7.94 0.00	130.82 8.44 0.00	145.48 9.64 0.00	168.23 6.98 -68.22	165.05 7.81 -54.46	159.35 7.09 -57.67	147.98 8.86 -16.12	138.83 8.69 -5.98	125.64 7.02 -1.62	114.91 6.03 -4.87



RAVENSWOOD_GT2_2 24245	119.38 5.42 -18.79	107.48 4.52 -14.30	102.67 4.40 -10.28	101.34 4.12 -14.77	101.63 4.56 -5.88	101.20 4.95 -4.61	139.88 4.89 -54.90	173.76 4.84 -96.61	154.51 5.82 -68.93	144.83 6.64 -45.91	138.05 8.74 -7.94	130.35 8.45 -4.48	127.48 8.11 -0.13	126.07 8.11 -0.47	121.42 7.94 0.00	130.82 8.44 0.00	145.48 9.64 0.00	168.23 6.98 -68.22	165.05 7.81 -54.46	159.35 7.09 -57.67	147.98 8.86 -16.12	138.83 8.69 -5.98	125.64 7.02 -1.62	114.91 6.03 -4.87
RAVENSWOOD_GT2_3 24246	119.38 5.42 -18.79	107.57 4.61 -14.30	102.67 4.40 -10.28	101.43 4.21 -14.77	101.63 4.56 -5.88	101.20 4.95 -4.61	139.88 4.89 -54.90	173.76 4.84 -96.61	154.59 5.90 -68.93	144.92 6.74 -45.91	138.05 8.74 -7.94	130.35 8.45 -4.48	127.48 8.11 -0.13	126.07 8.11 -0.47	121.42 7.94 0.00	130.82 8.44 0.00	145.48 9.64 0.00	168.23 6.98 -68.22	165.05 7.81 -54.46	159.44 7.19 -57.67	147.98 8.86 -16.12	138.83 8.69 -5.98	125.75 7.14 -1.62	115.02 6.14 -4.87
RAVENSWOOD_GT2_4 24247	119.38 5.42 -18.79	107.57 4.61 -14.30	102.67 4.40 -10.28	101.43 4.21 -14.77	101.63 4.56 -5.88	101.20 4.95 -4.61	139.88 4.89 -54.90	173.76 4.84 -96.61	154.59 5.90 -68.93	144.92 6.74 -45.91	138.05 8.74 -7.94	130.35 8.45 -4.48	127.48 8.11 -0.13	126.07 8.11 -0.47	121.42 7.94 0.00	130.82 8.44 0.00	145.48 9.64 0.00	168.23 6.98 -68.22	165.05 7.81 -54.46	159.44 7.19 -57.67	147.98 8.86 -16.12	138.83 8.69 -5.98	125.75 7.14 -1.62	115.02 6.14 -4.87
RAVENSWOOD_GT3_1 24248	119.38 5.42 -18.79	107.48 4.52 -14.30	102.67 4.40 -10.28	101.34 4.12 -14.77	101.63 4.56 -5.88	101.20 4.95 -4.61	139.88 4.89 -54.90	173.76 4.84 -96.61	154.51 5.82 -68.93	144.92 6.74 -45.91	138.05 8.74 -7.94	130.35 8.45 -4.48	127.48 8.11 -0.13	126.07 8.11 -0.47	121.42 7.94 0.00	130.82 8.44 0.00	145.48 9.64 0.00	168.23 6.98 -68.22	165.05 7.81 -54.46	159.35 7.09 -57.67	147.98 8.86 -16.12	138.83 8.69 -5.98	125.64 7.02 -1.62	114.91 6.03 -4.87
RAVENSWOOD_GT3_2 24249	119.38 5.42 -18.79	107.48 4.52 -14.30	102.67 4.40 -10.28	101.34 4.12 -14.77	101.63 4.56 -5.88	101.20 4.95 -4.61	139.88 4.89 -54.90	173.76 4.84 -96.61	154.51 5.82 -68.93	144.92 6.74 -45.91	138.05 8.74 -7.94	130.35 8.45 -4.48	127.48 8.11 -0.13	126.07 8.11 -0.47	121.42 7.94 0.00	130.82 8.44 0.00	145.48 9.64 0.00	168.23 6.98 -68.22	165.05 7.81 -54.46	159.35 7.09 -57.67	147.98 8.86 -16.12	138.83 8.69 -5.98	125.64 7.02 -1.62	114.91 6.03 -4.87
RAVENSWOOD_GT3_3 24250	119.48 5.52 -18.79	107.57 4.61 -14.30	102.75 4.49 -10.28	101.43 4.21 -14.77	101.72 4.65 -5.88	101.29 5.04 -4.61	139.96 4.97 -54.90	173.84 4.92 -96.61	154.67 5.98 -68.93	145.01 6.83 -45.91	138.17 8.86 -7.94	130.47 8.57 -4.48	127.60 8.23 -0.13	126.18 8.22 -0.47	121.53 8.06 0.00	130.94 8.57 0.00	145.61 9.78 0.00	168.32 7.07 -68.22	165.15 7.91 -54.46	159.54 7.28 -57.67	148.10 8.98 -16.12	138.96 8.82 -5.98	125.75 7.14 -1.62	115.12 6.24 -4.87
RAVENSWOOD_GT3_4 24251	119.48 5.52 -18.79	107.57 4.61 -14.30	102.75 4.49 -10.28	101.43 4.21 -14.77	101.72 4.65 -5.88	101.29 5.04 -4.61	139.96 4.97 -54.90	173.84 4.92 -96.61	154.67 5.98 -68.93	145.01 6.83 -45.91	138.17 8.86 -7.94	130.47 8.57 -4.48	127.60 8.23 -0.13	126.18 8.22 -0.47	121.53 8.06 0.00	130.94 8.57 0.00	145.61 9.78 0.00	168.32 7.07 -68.22	165.15 7.91 -54.46	159.54 7.28 -57.67	148.10 8.98 -16.12	138.96 8.82 -5.98	125.75 7.14 -1.62	115.12 6.24 -4.87
RAVENSWOOD_GT_1 23729	120.81 5.42 -20.22	109.97 4.43 -16.88	102.50 4.22 -10.29	101.18 3.96 -14.77	101.35 4.29 -5.88	101.02 4.76 -4.62	140.77 4.81 -55.86	175.36 4.84 -98.21	156.22 5.90 -70.56	146.56 6.74 -47.54	140.35 8.86 -10.11	130.85 8.57 -4.87	129.37 8.23 -1.90	128.39 8.22 -2.68	121.43 7.94 -0.01	130.70 8.32 0.00	145.21 9.37 0.00	168.04 6.79 -68.22	164.84 7.61 -54.46	159.16 6.90 -57.67	147.73 8.61 -16.12	138.59 8.44 -5.98	125.40 6.79 -1.62	119.68 5.93 -9.74
RAVENSWOOD_GT_10 24258	119.38 5.42 -18.79	107.48 4.52 -14.30	102.67 4.40 -10.28	101.43 4.21 -14.77	101.63 4.56 -5.88	101.20 4.95 -4.61	139.88 4.89 -54.90	173.76 4.84 -96.61	154.51 5.82 -68.93	144.92 6.74 -45.91	138.20 8.74 -8.09	130.35 8.45 -4.48	127.61 8.11 -0.26	126.22 8.11 -0.63	121.42 7.94 0.00	130.82 8.44 0.00	145.48 9.64 0.00	168.23 6.98 -68.22	165.05 7.81 -54.46	159.35 7.09 -57.67	147.98 8.86 -16.12	138.83 8.69 -5.98	125.64 7.02 -1.62	115.36 6.14 -5.22
RAVENSWOOD_GT_11 24259	119.38 5.42 -18.79	107.48 4.52 -14.30	102.67 4.40 -10.28	101.43 4.21 -14.77	101.63 4.56 -5.88	101.20 4.95 -4.61	139.88 4.89 -54.90	173.76 4.84 -96.61	154.51 5.82 -68.93	144.92 6.74 -45.91	138.20 8.74 -8.09	130.35 8.45 -4.48	127.61 8.11 -0.26	126.22 8.11 -0.63	121.42 7.94 0.00	130.82 8.44 0.00	145.48 9.64 0.00	168.23 6.98 -68.22	165.05 7.81 -54.46	159.35 7.09 -57.67	147.98 8.86 -16.12	138.83 8.69 -5.98	125.64 7.02 -1.62	115.36 6.14 -5.22
RAVENSWOOD_GT_4 24252	120.47 5.42 -19.88	109.53 4.61 -16.27	102.76 4.49 -10.28	101.43 4.21 -14.77	101.72 4.65 -5.88	101.29 5.04 -4.62	140.70 4.97 -55.63	174.98 4.84 -97.83	155.83 5.90 -70.17	146.17 6.74 -47.15	137.49 8.74 -7.38	130.65 8.45 -4.78	127.03 8.11 0.32	125.50 8.11 0.10	121.43 7.94 -0.01	130.82 8.44 0.00	145.61 9.78 0.00	168.32 7.07 -68.22	165.15 7.91 -54.46	159.44 7.19 -57.67	148.10 8.98 -16.12	138.96 8.82 -5.98	125.75 7.14 -1.62	113.75 6.14 -3.61
RAVENSWOOD_GT_5 24254	120.47 5.42 -19.88	109.53 4.61 -16.27	102.76 4.49 -10.28	101.43 4.21 -14.77	101.72 4.65 -5.88	101.29 5.04 -4.62	140.70 4.97 -55.63	174.98 4.84 -97.83	155.83 5.90 -70.17	146.17 6.74 -47.15	137.49 8.74 -7.38	130.65 8.45 -4.78	127.03 8.11 0.32	125.50 8.11 0.10	121.43 7.94 -0.01	130.82 8.44 0.00	145.61 9.78 0.00	168.32 7.07 -68.22	165.15 7.91 -54.46	159.44 7.19 -57.67	148.10 8.98 -16.12	138.96 8.82 -5.98	125.75 7.14 -1.62	113.75 6.14 -3.61
RAVENSWOOD_GT_6 24253	120.47 5.42 -19.88	109.53 4.61 -16.27	102.76 4.49 -10.28	101.43 4.21 -14.77	101.72 4.65 -5.88	101.29 5.04 -4.62	140.70 4.97 -55.63	174.98 4.84 -97.83	155.83 5.90 -70.17	146.17 6.74 -47.15	137.49 8.74 -7.38	130.65 8.45 -4.78	127.03 8.11 0.32	125.50 8.11 0.10	121.43 7.94 -0.01	130.82 8.44 0.00	145.61 9.78 0.00	168.32 7.07 -68.22	165.15 7.91 -54.46	159.44 7.19 -57.67	148.10 8.98 -16.12	138.96 8.82 -5.98	125.75 7.14 -1.62	113.75 6.14 -3.61
RAVENSWOOD_GT_7 24255	120.47 5.42 -19.88	109.53 4.61 -16.27	102.76 4.49 -10.28	101.43 4.21 -14.77	101.72 4.65 -5.88	101.29 5.04 -4.62	140.70 4.97 -55.63	174.98 4.84 -97.83	155.83 5.90 -70.17	146.17 6.74 -47.15	137.49 8.74 -7.38	130.65 8.45 -4.78	127.03 8.11 0.32	125.50 8.11 0.10	121.43 7.94 -0.01	130.82 8.44 0.00	145.61 9.78 0.00	168.32 7.07 -68.22	165.15 7.91 -54.46	159.44 7.19 -57.67	148.10 8.98 -16.12	138.96 8.82 -5.98	125.75 7.14 -1.62	113.75 6.14 -3.61
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	119.38 5.42 -18.79	107.48 4.52 -14.30	102.67 4.40 -10.28	101.43 4.21 -14.77	101.63 4.56 -5.88	101.20 4.95 -4.61	139.88 4.89 -54.90	173.76 4.84 -96.61	154.51 5.82 -68.93	144.92 6.74 -45.91	138.20 8.74 -8.09	130.35 8.45 -4.48	127.61 8.11 -0.26	126.22 8.11 -0.63	121.42 7.94 0.00	130.82 8.44 0.00	145.48 9.64 0.00	168.23 6.98 -68.22	165.05 7.81 -54.46	159.35 7.09 -57.67	147.98 8.86 -16.12	138.83 8.69 -5.98	125.64 7.02 -1.62	115.36 6.14 -5.22

RAVENSWOOD_GT_9 24257	119.38 5.42 -18.79	107.48 4.52 -14.30	102.67 4.40 -10.28	101.43 4.21 -14.77	101.63 4.56 -5.88	101.20 4.95 -4.61	139.88 4.89 -54.90	173.76 4.84 -96.61	154.51 5.82 -68.93	144.92 6.74 -45.91	138.20 8.74 -8.09	130.35 8.45 -4.48	127.61 8.11 -0.26	126.22 8.11 -0.63	121.42 7.94 0.00	130.82 8.44 0.00	145.48 9.64 0.00	168.23 6.98 -68.22	165.05 7.81 -54.46	159.35 7.09 -57.67	147.98 8.86 -16.12	138.83 8.69 -5.98	125.64 7.02 -1.62	115.36 6.14 -5.22
RAVENSWOOD___1 23533	119.19 5.23 -18.79	107.47 4.52 -14.30	102.49 4.22 -10.28	101.10 3.88 -14.77	101.35 4.29 -5.88	101.01 4.76 -4.61	139.72 4.72 -54.90	173.77 4.85 -96.61	154.51 5.82 -68.93	144.92 6.73 -45.91	139.61 8.86 -9.38	130.46 8.57 -4.48	128.66 8.11 -1.30	127.65 8.22 -1.94	121.42 7.94 0.00	130.82 8.44 0.00	145.07 9.24 0.00	167.95 6.70 -68.23	164.74 7.50 -54.46	159.07 6.81 -57.68	147.60 8.48 -16.12	138.46 8.32 -5.98	125.28 6.67 -1.62	118.04 5.93 -8.11
RAVENSWOOD___2 23534	119.09 5.14 -18.79	107.39 4.43 -14.30	102.40 4.14 -10.28	101.10 3.88 -14.77	101.26 4.20 -5.88	101.01 4.76 -4.61	139.72 4.72 -54.90	173.69 4.77 -96.61	154.51 5.82 -68.93	144.92 6.73 -45.91	139.61 8.86 -9.38	130.36 8.46 -4.48	128.66 8.11 -1.31	127.65 8.22 -1.94	121.31 7.82 0.00	130.70 8.33 0.00	145.07 9.24 0.00	167.95 6.70 -68.23	164.64 7.40 -54.46	159.07 6.81 -57.68	147.60 8.48 -16.12	138.46 8.32 -5.98	125.28 6.67 -1.62	118.05 5.93 -8.12
RAVENSWOOD___3 23535	119.29 5.33 -18.79	107.56 4.61 -14.30	102.67 4.40 -10.28	101.34 4.12 -14.77	101.62 4.56 -5.88	101.19 4.94 -4.61	139.88 4.89 -54.90	173.77 4.85 -96.61	154.51 5.82 -68.93	144.92 6.73 -45.91	138.06 8.74 -7.94	130.36 8.46 -4.48	127.49 8.11 -0.13	126.06 8.10 -0.47	121.42 7.94 0.00	130.94 8.56 0.00	145.48 9.65 0.00	168.23 6.98 -68.23	165.05 7.81 -54.46	159.35 7.10 -57.68	147.98 8.86 -16.12	138.83 8.69 -5.98	125.64 7.02 -1.62	114.91 6.03 -4.87
RAVENSWOOD___4 23820	117.69 5.14 -17.39	104.84 4.43 -11.76	102.40 4.14 -10.27	101.10 3.88 -14.77	101.26 4.20 -5.88	101.00 4.76 -4.60	138.76 4.72 -53.94	172.12 4.77 -95.04	152.90 5.82 -67.33	143.22 6.65 -44.30	138.78 8.74 -8.66	129.98 8.46 -4.10	128.07 8.11 -0.72	126.80 8.10 -1.21	121.30 7.82 0.00	130.70 8.33 0.00	144.94 9.10 0.00	167.95 6.70 -68.23	164.64 7.40 -54.46	159.07 6.81 -57.68	147.49 8.37 -16.12	138.46 8.32 -5.98	125.28 6.67 -1.62	116.44 5.93 -6.51
RCPL_TRUST___DRP 24196	119.48 5.52 -18.79	107.65 4.70 -14.30	103.02 4.75 -10.28	101.75 4.53 -14.76	101.99 4.92 -5.88	101.47 5.22 -4.61	140.11 5.13 -54.89	173.96 5.06 -96.59	154.81 6.14 -68.92	145.19 7.01 -45.90	138.62 9.22 -8.02	130.70 8.81 -4.48	128.02 8.59 -0.20	126.62 8.58 -0.55	121.87 8.40 0.00	131.43 9.06 0.00	146.29 10.46 0.00	168.77 7.54 -68.21	165.55 8.32 -54.45	159.81 7.57 -57.66	148.59 9.47 -16.12	139.33 9.19 -5.98	126.22 7.61 -1.62	115.51 6.45 -5.05
RED___ROCHESTER 323720	90.10 -6.09 -1.03	82.20 -6.82 -0.37	82.06 -6.42 -0.49	77.24 -5.94 -0.72	85.18 -6.20 -0.20	86.41 -5.22 0.00	80.67 -4.33 -4.90	79.41 -4.27 -11.37	80.63 -4.94 -5.82	87.93 -5.91 -1.56	89.55 -8.13 23.69	88.39 -7.75 21.28	88.46 -7.99 22.79	86.14 -7.63 23.71	82.58 -7.95 22.95	90.03 -8.33 24.02	98.92 -9.37 27.54	90.98 -5.49 -3.44	94.81 -6.16 1.80	88.91 -5.77 -0.10	102.73 -8.49 11.78	93.61 -8.81 21.75	97.32 -8.30 11.38	96.36 -7.70 -0.05
REGAN___SOLAR 323812	127.82 7.23 -25.43	114.65 6.65 -19.35	120.24 6.60 -25.65	123.30 6.35 -34.50	125.78 7.12 -27.48	146.76 7.24 -47.88	238.79 6.97 -151.73	238.87 6.43 -160.13	263.94 6.86 -177.33	161.49 7.11 -62.10	140.87 8.98 -10.52	131.57 8.10 -6.06	127.23 7.99 0.00	125.90 7.99 -0.42	121.66 8.18 -0.01	131.56 9.18 0.00	147.37 11.54 0.00	213.33 8.65 -111.65	220.32 9.66 -107.89	184.20 8.89 -80.74	156.00 11.19 -21.81	143.18 10.93 -8.09	143.91 9.60 -17.31	149.53 8.01 -37.51
RENSSELAER___COGEN 23796	121.32 3.24 -22.92	109.01 2.92 -17.44	108.37 3.08 -17.30	109.16 2.81 -23.90	109.28 3.00 -15.10	117.09 2.93 -22.52	180.71 2.24 -98.38	204.08 2.02 -129.75	200.95 2.39 -118.80	151.02 2.77 -55.98	134.62 3.77 -9.48	126.88 3.99 -5.47	123.30 4.06 0.00	122.09 4.22 -0.37	116.88 3.40 -0.01	125.55 3.18 0.00	138.82 2.98 0.00	186.19 1.86 -91.31	185.58 2.05 -80.75	167.84 1.79 -71.47	144.99 2.33 -19.66	134.18 2.73 -7.29	128.50 3.40 -8.11	125.68 3.43 -18.25
REPUBLIC_115KV_BARTNBRK 55605	131.26 12.37 -23.72	118.14 11.44 -18.05	124.11 11.26 -24.86	126.58 10.80 -33.33	130.48 12.13 -27.18	151.68 12.10 -47.95	239.04 11.29 -147.65	234.56 10.56 -151.70	264.99 11.56 -173.67	163.04 12.83 -57.93	148.06 16.87 -9.81	138.81 15.73 -5.66	134.86 15.62 0.00	133.62 15.74 -0.39	128.91 15.43 0.00	139.27 16.89 0.00	155.66 19.83 0.00	213.52 14.14 -106.35	222.92 15.62 -104.52	184.48 14.28 -75.62	161.42 18.08 -20.34	149.71 18.00 -7.55	150.14 15.80 -17.34	155.11 13.62 -37.47
REVERE_CPPR_DRP 24186	99.31 3.24 -0.91	92.27 2.93 -0.69	91.24 2.82 -0.44	85.49 2.39 -0.64	93.92 2.55 -0.18	94.76 3.12 -0.01	85.80 3.44 -2.26	80.38 3.54 -4.53	86.52 4.39 -2.38	99.30 4.80 -2.22	128.31 6.55 -0.38	123.62 5.99 -0.22	125.20 5.96 0.00	123.49 5.99 -0.01	119.04 5.56 0.00	128.86 6.49 0.00	142.35 6.52 0.00	100.76 4.74 -2.99	110.30 5.45 -2.08	102.15 4.82 -2.75	129.56 5.78 -0.78	129.92 5.46 -0.29	122.03 5.03 0.00	108.22 4.16 -0.06
REYNOLDS_115KV_TB3 80639	122.60 4.47 -22.96	110.21 4.08 -17.47	111.29 4.05 -19.26	112.57 3.79 -26.32	113.70 4.19 -18.32	125.23 4.22 -29.38	194.94 3.60 -111.24	210.24 3.11 -134.82	216.50 3.67 -133.07	152.80 4.43 -56.09	136.70 5.83 -9.50	128.65 5.75 -5.48	124.96 5.72 0.00	123.74 5.87 -0.37	118.92 5.45 0.00	128.01 5.63 0.00	141.67 5.84 0.00	191.99 4.19 -94.77	194.01 4.52 -86.72	170.81 4.16 -72.07	148.11 5.41 -19.70	137.06 5.59 -7.31	132.86 5.26 -10.60	132.21 4.78 -23.42
RIVERBAY____ 323610	119.67 5.71 -18.79	107.65 4.70 -14.30	102.67 4.40 -10.28	101.34 4.12 -14.77	101.63 4.56 -5.88	101.29 5.04 -4.61	139.96 4.97 -54.90	173.91 4.99 -96.61	154.75 6.06 -68.93	145.11 6.92 -45.91	138.55 9.10 -8.07	130.70 8.81 -4.48	127.95 8.47 -0.24	126.56 8.46 -0.61	121.65 8.17 0.00	130.82 8.44 0.00	145.34 9.51 0.00	168.23 6.98 -68.22	165.05 7.81 -54.46	159.35 7.09 -57.67	147.98 8.86 -16.12	138.83 8.69 -5.98	125.64 7.02 -1.62	115.42 6.24 -5.17
RIVERSDE_115KV_TB3 55908	121.89 3.71 -23.01	109.62 3.46 -17.51	110.03 3.52 -18.52	111.09 3.22 -25.42	111.81 3.56 -17.07	121.81 3.48 -26.70	189.35 2.88 -106.37	208.01 2.53 -133.17	210.47 3.03 -127.68	151.99 3.51 -56.21	135.75 4.86 -9.52	127.72 4.81 -5.49	124.13 4.89 0.00	123.03 5.17 -0.38	117.90 4.43 0.00	126.66 4.28 0.00	140.18 4.35 0.00	189.56 2.88 -93.64	190.51 3.19 -84.55	169.45 2.84 -72.03	146.43 3.69 -19.74	135.46 3.97 -7.32	130.95 4.33 -9.62	129.46 4.06 -21.40
ROARING___BROOK_WT_PWR 323790	93.55 -1.62 0.00	87.23 -1.42 0.00	86.49 -1.50 0.00	81.13 -1.32 0.00	89.63 -1.55 0.00	89.99 -1.65 0.00	78.57 -1.52 0.00	71.01 -1.30 0.00	78.16 -1.59 0.00	90.44 -1.84 0.00	118.95 -2.43 0.00	115.07 -2.35 0.00	117.10 -2.14 0.00	115.49 -2.00 0.00	111.78 -1.70 0.00	120.78 -1.59 0.00	134.21 -1.62 0.00	91.82 -1.21 0.00	101.33 -1.44 0.00	93.06 -1.52 0.00	120.91 -2.09 0.00	122.05 -2.11 0.00	115.25 -1.75 0.00	102.65 -1.36 0.00

ROCHESRG_115KV_T4 355643	89.15 -7.04 -1.03	81.32 -7.71 -0.38	80.65 -7.83 -0.49	76.41 -6.76 -0.72	84.27 -7.11 -0.20	85.40 -6.23 0.00	79.01 -5.21 -4.12	76.37 -5.21 -9.27	77.34 -5.98 -3.57	85.40 -7.01 -0.14	88.27 -9.59 23.51	86.89 -9.28 21.25	87.14 -9.42 22.68	84.87 -9.16 23.45	81.51 -9.31 22.66	89.06 -9.42 23.89	96.59 -11.00 28.24	88.36 -6.70 -2.03	91.39 -7.40 3.98	85.33 -7.09 2.16	99.43 -9.84 13.73	92.58 -10.18 21.40	96.33 -9.48 11.20	95.43 -8.63 -0.05
ROCHESTER_9_IC 23652	89.63 -6.57 -1.03	81.84 -7.18 -0.37	81.09 -7.39 -0.49	76.91 -6.27 -0.72	84.72 -6.66 -0.20	85.95 -5.68 0.00	80.27 -4.73 -4.90	78.96 -4.70 -11.35	80.14 -5.42 -5.81	87.46 -6.37 -1.55	88.94 -8.74 23.69	87.69 -8.45 21.27	87.86 -8.59 22.79	85.43 -8.34 23.71	81.91 -8.62 22.95	89.79 -8.57 24.02	98.24 -10.05 27.54	90.41 -6.05 -3.43	94.29 -6.68 1.81	88.33 -6.34 -0.09	102.11 -9.10 11.79	92.98 -9.44 21.74	96.73 -8.89 11.38	95.95 -8.11 -0.05
ROCKVIEW_13_KV_LD 356306	119.67 5.71 -18.79	107.83 4.88 -14.30	103.02 4.75 -10.28	101.76 4.53 -14.77	102.08 5.02 -5.88	101.56 5.31 -4.61	140.20 5.21 -54.89	173.97 5.06 -96.60	154.74 6.06 -68.93	145.10 6.92 -45.90	138.33 8.98 -7.97	130.59 8.69 -4.48	127.75 8.35 -0.16	126.34 8.34 -0.51	121.65 8.17 0.00	131.19 8.81 0.00	145.88 10.05 0.00	168.60 7.35 -68.22	165.46 8.22 -54.46	159.72 7.47 -57.67	148.47 9.35 -16.12	139.33 9.19 -5.98	126.22 7.61 -1.62	115.51 6.55 -4.95
ROME____115KV_TB2 80656	99.31 3.24 -0.91	92.27 2.93 -0.69	91.24 2.82 -0.44	85.49 2.39 -0.64	93.92 2.55 -0.18	94.76 3.12 -0.01	85.80 3.44 -2.26	80.38 3.54 -4.53	86.52 4.39 -2.38	99.30 4.80 -2.22	128.31 6.55 -0.38	123.62 5.99 -0.22	125.20 5.96 0.00	123.49 5.99 -0.01	119.04 5.56 0.00	128.86 6.49 0.00	142.35 6.52 0.00	100.76 4.74 -2.99	110.30 5.45 -2.08	102.15 4.82 -2.75	129.56 5.78 -0.78	129.92 5.46 -0.29	122.03 5.03 0.00	108.22 4.16 -0.06
ROSETON___1 23587	118.61 4.66 -18.78	107.12 4.17 -14.29	102.27 4.05 -10.23	100.96 3.79 -14.71	101.20 4.20 -5.82	100.51 4.40 -4.47	139.03 4.32 -54.61	172.89 4.12 -96.46	153.24 4.87 -68.62	143.70 5.54 -45.88	136.43 7.28 -7.77	128.82 6.93 -4.48	125.91 6.67 0.00	124.49 6.69 -0.31	120.06 6.58 0.00	129.60 7.22 0.00	143.98 8.15 0.00	167.11 5.96 -68.12	163.68 6.58 -54.32	158.27 6.06 -57.64	146.74 7.63 -16.11	137.59 7.45 -5.98	124.76 6.20 -1.57	113.82 5.40 -4.40
ROSETON___2 23588	118.61 4.66 -18.78	107.12 4.17 -14.29	102.27 4.05 -10.23	100.96 3.79 -14.71	101.20 4.20 -5.82	100.51 4.40 -4.47	139.03 4.32 -54.61	172.89 4.12 -96.46	153.24 4.87 -68.62	143.70 5.54 -45.88	136.43 7.28 -7.77	128.82 6.93 -4.48	125.91 6.67 0.00	124.49 6.69 -0.31	120.06 6.58 0.00	129.60 7.22 0.00	143.98 8.15 0.00	167.11 5.96 -68.12	163.68 6.58 -54.32	158.27 6.06 -57.64	146.74 7.63 -16.11	137.59 7.45 -5.98	124.76 6.20 -1.57	113.82 5.40 -4.40
ROTTDAM_115KV_TB3 80664	122.88 3.71 -24.01	110.29 3.37 -18.27	117.52 3.26 -26.27	120.69 3.13 -35.11	124.00 3.46 -29.35	147.69 3.57 -52.48	240.16 3.28 -156.78	231.66 3.04 -156.32	267.02 3.43 -183.84	154.79 3.88 -58.63	136.28 4.98 -9.93	127.84 4.70 -5.72	123.89 4.65 0.00	122.58 4.70 -0.39	118.13 4.65 0.00	127.40 5.02 0.00	141.67 5.84 0.00	206.72 4.19 -109.51	216.60 4.73 -109.10	175.63 4.26 -76.79	149.00 5.41 -20.59	137.14 5.34 -7.64	140.67 4.68 -18.99	148.97 4.06 -40.91
RUSSELL___1 23602	90.10 -6.09 -1.03	82.20 -6.83 -0.37	81.44 -7.04 -0.49	77.24 -5.94 -0.72	85.18 -6.20 -0.20	86.41 -5.22 0.00	80.67 -4.33 -4.90	79.40 -4.27 -11.35	80.62 -4.94 -5.81	88.02 -5.81 -1.55	89.67 -8.01 23.70	88.39 -7.75 21.28	88.58 -7.87 22.79	86.14 -7.64 23.71	82.59 -7.94 22.95	90.52 -7.83 24.02	99.06 -9.24 27.54	90.97 -5.49 -3.43	94.80 -6.17 1.81	88.90 -5.77 -0.09	102.73 -8.49 11.79	93.60 -8.82 21.75	97.32 -8.31 11.38	96.36 -7.70 -0.05
RUSSELL___2 23532	90.10 -6.09 -1.03	82.20 -6.83 -0.37	81.44 -7.04 -0.49	77.24 -5.94 -0.72	85.18 -6.20 -0.20	86.41 -5.22 0.00	80.67 -4.33 -4.90	79.40 -4.27 -11.35	80.62 -4.94 -5.81	88.02 -5.81 -1.55	89.67 -8.01 23.70	88.39 -7.75 21.28	88.58 -7.87 22.79	86.14 -7.64 23.71	82.59 -7.94 22.95	90.52 -7.83 24.02	99.06 -9.24 27.54	90.97 -5.49 -3.43	94.80 -6.17 1.81	88.90 -5.77 -0.09	102.73 -8.49 11.79	93.60 -8.82 21.75	97.32 -8.31 11.38	96.36 -7.70 -0.05
RUSSELL___3 23549	90.10 -6.09 -1.03	82.20 -6.83 -0.37	81.44 -7.04 -0.49	77.24 -5.94 -0.72	85.18 -6.20 -0.20	86.41 -5.22 0.00	80.67 -4.33 -4.90	79.40 -4.27 -11.35	80.62 -4.94 -5.81	88.02 -5.81 -1.55	89.67 -8.01 23.70	88.39 -7.75 21.28	88.58 -7.87 22.79	86.14 -7.64 23.71	82.59 -7.94 22.95	90.52 -7.83 24.02	99.06 -9.24 27.54	90.97 -5.49 -3.43	94.80 -6.17 1.81	88.90 -5.77 -0.09	102.73 -8.49 11.79	93.60 -8.82 21.75	97.32 -8.31 11.38	96.36 -7.70 -0.05
RUSSELL___4 23556	90.10 -6.09 -1.03	82.20 -6.83 -0.37	81.44 -7.04 -0.49	77.24 -5.94 -0.72	85.18 -6.20 -0.20	86.41 -5.22 0.00	80.67 -4.33 -4.90	79.40 -4.27 -11.35	80.62 -4.94 -5.81	88.02 -5.81 -1.55	89.67 -8.01 23.70	88.39 -7.75 21.28	88.58 -7.87 22.79	86.14 -7.64 23.71	82.59 -7.94 22.95	90.52 -7.83 24.02	99.06 -9.24 27.54	90.97 -5.49 -3.43	94.80 -6.17 1.81	88.90 -5.77 -0.09	102.73 -8.49 11.79	93.60 -8.82 21.75	97.32 -8.31 11.38	96.36 -7.70 -0.05
RUSSELL__STATION 23914	90.10 -6.09 -1.03	82.20 -6.83 -0.37	81.44 -7.04 -0.49	77.24 -5.94 -0.72	85.18 -6.20 -0.20	86.41 -5.22 0.00	80.67 -4.33 -4.90	79.40 -4.27 -11.35	80.62 -4.94 -5.81	88.02 -5.81 -1.55	89.67 -8.01 23.70	88.39 -7.75 21.28	88.58 -7.87 22.79	86.14 -7.64 23.71	82.59 -7.94 22.95	90.52 -7.83 24.02	99.06 -9.24 27.54	90.97 -5.49 -3.43	94.80 -6.17 1.81	88.90 -5.77 -0.09	102.73 -8.49 11.79	93.60 -8.82 21.75	97.32 -8.31 11.38	96.36 -7.70 -0.05
S SALMON__HYD 24043	94.78 -1.71 -1.33	87.89 -1.77 -1.01	86.69 -1.94 -0.64	81.41 -1.98 -0.93	89.08 -2.37 -0.27	89.72 -1.93 -0.01	82.19 -1.20 -3.29	77.94 -0.94 -6.57	82.17 -1.04 -3.46	94.13 -1.38 -3.23	120.10 -1.82 -0.55	115.73 -2.00 -0.32	117.33 -1.91 0.00	115.75 -1.76 -0.02	111.66 -1.82 0.00	120.55 -1.83 0.00	133.93 -1.90 0.00	96.53 -0.84 -4.34	104.97 -0.83 -3.02	97.72 -0.85 -3.99	122.66 -1.47 -1.13	122.72 -1.86 -0.42	115.25 -1.75 0.00	102.42 -1.67 -0.08
S.PERRY__115KV_TB1 80734	90.47 -4.57 0.13	82.21 -5.23 1.21	82.46 -5.46 0.08	77.66 -4.70 0.10	86.21 -4.92 0.05	87.75 -3.85 0.03	102.12 -2.80 -24.83	136.40 -2.24 -66.33	142.80 -3.03 -66.08	121.22 -4.15 -33.09	54.93 -6.43 60.01	61.17 -6.22 50.03	57.63 -6.44 55.17	50.32 -6.11 61.06	47.40 -6.13 59.94	58.05 -5.75 58.58	84.31 -5.84 45.68	126.57 -2.79 -36.34	146.49 -3.08 -46.80	140.98 -3.03 -49.43	137.48 -5.04 -19.52	59.26 -5.59 59.31	81.18 -5.27 30.55	98.77 -5.20 0.04
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	84.83 -11.23 -0.90	77.30 -11.35 0.00	76.71 -11.70 -0.42	72.77 -10.31 -0.62	80.22 -11.12 -0.17	81.27 -10.35 0.01	71.95 -8.73 -0.58	64.29 -8.10 -0.08	65.50 -9.25 5.00	71.37 -10.98 9.93	67.01 -15.05 39.31	66.83 -14.44 36.14	66.67 -14.67 37.91	64.68 -14.33 38.47	62.32 -14.18 36.97	68.10 -14.44 39.84	67.24 -17.25 51.35	76.70 -10.88 5.44	73.22 -11.72 17.84	65.92 -11.16 17.50	74.04 -15.13 33.83	74.02 -15.40 34.75	85.00 -13.92 18.08	91.67 -12.38 -0.04

SAWYER___23_KV_LOAD 55526	84.83	77.30	76.71	72.77	80.22	81.27	71.95	64.29	65.50	71.37	67.01	66.83	66.67	64.68	62.32	68.10	67.24	76.70	73.22	65.92	74.04	74.02	85.00	91.67
	-11.23	-11.35	-11.70	-10.31	-11.12	-10.35	-8.73	-8.10	-9.25	-10.98	-15.05	-14.44	-14.67	-14.33	-14.18	-14.44	-17.25	-10.88	-11.72	-11.16	-15.13	-15.40	-13.92	-12.38
	-0.90	0.00	-0.42	-0.62	-0.17	0.01	-0.58	-0.08	5.00	9.93	39.31	36.14	37.91	38.47	36.97	39.84	51.35	5.44	17.84	17.50	33.83	34.75	18.08	-0.04
SELKIRK___I 23801	121.37	109.21	106.80	107.08	106.76	111.22	168.79	198.40	187.40	150.49	134.72	126.80	123.41	122.08	117.34	126.41	140.18	183.06	180.53	167.55	146.19	135.32	126.94	121.38
	3.62	3.37	3.43	3.13	3.46	3.29	2.72	2.38	2.71	3.04	4.00	3.99	4.17	4.22	3.86	4.03	4.35	2.89	3.19	2.94	3.82	3.97	4.09	3.85
	-22.59	-17.19	-15.38	-21.50	-12.11	-16.29	-85.97	-123.71	-104.93	-55.17	-9.34	-5.39	0.00	-0.37	-0.01	0.00	0.00	-87.15	-74.57	-70.04	-19.37	-7.19	-5.85	-13.53
SELKIRK___II 23799	121.11	108.93	106.82	107.25	106.83	112.09	171.29	200.14	190.45	150.94	134.69	126.85	123.30	121.97	117.11	126.05	139.63	184.05	181.75	167.92	145.75	134.77	126.80	121.90
	3.14	2.92	2.99	2.72	2.92	2.93	2.40	2.17	2.55	2.95	3.88	3.99	4.06	4.11	3.63	3.67	3.80	2.51	2.78	2.55	3.19	3.35	3.51	3.43
	-22.81	-17.35	-15.83	-22.08	-12.73	-17.52	-88.79	-125.66	-108.14	-55.70	-9.43	-5.44	0.00	-0.37	-0.01	0.00	0.00	-88.51	-76.20	-70.79	-19.56	-7.26	-6.29	-14.47
SENECA OSWGO___HYD 24041	93.99	87.04	85.98	80.86	88.66	89.18	81.79	77.93	81.67	93.53	118.84	114.61	115.90	114.35	110.30	119.08	132.17	95.79	103.92	96.92	121.08	121.16	113.60	100.87
	-2.66	-2.75	-2.73	-2.64	-2.83	-2.47	-2.00	-1.80	-1.99	-2.40	-3.16	-3.16	-3.34	-3.17	-3.18	-3.30	-3.66	-2.14	-2.26	-2.17	-3.20	-3.48	-3.40	-3.23
	-1.49	-1.13	-0.72	-1.05	-0.30	-0.01	-3.70	-7.42	-3.90	-3.65	-0.62	-0.36	0.00	-0.02	0.00	0.00	0.00	-4.90	-3.41	-4.51	-1.28	-0.47	0.00	-0.09
SENECA___115KV_TB3 355854	85.96	78.76	78.20	73.92	81.31	82.18	72.56	65.09	65.79	72.13	65.92	65.91	65.67	63.76	61.34	66.89	65.38	77.37	72.94	65.57	73.04	73.53	85.88	93.75
	-10.09	-9.84	-10.21	-9.15	-10.03	-9.44	-7.93	-6.80	-7.74	-9.32	-12.87	-12.33	-12.52	-12.10	-12.14	-12.36	-14.67	-9.12	-9.76	-9.27	-12.79	-13.04	-11.58	-10.30
	-0.88	0.05	-0.41	-0.62	-0.16	0.01	-0.39	0.42	6.23	10.83	42.59	39.18	41.05	41.63	40.00	43.13	55.79	6.54	20.07	19.75	37.17	37.60	19.53	-0.04
SENECA___ENERGY 23797	93.88	86.61	85.58	80.69	88.20	88.90	85.07	86.13	89.94	96.79	110.24	107.09	107.57	105.44	101.50	110.27	123.77	100.62	108.97	101.32	120.33	112.83	108.90	100.38
	-3.24	-3.37	-3.34	-3.13	-3.37	-2.75	-2.08	-1.80	-2.15	-2.49	-3.40	-3.41	-3.70	-3.52	-3.64	-3.67	-3.80	-2.23	-2.36	-2.27	-3.44	-3.72	-3.86	-3.74
	-1.95	-1.33	-0.93	-1.37	-0.39	-0.01	-7.05	-15.62	-12.33	-7.00	7.74	6.91	7.97	8.53	8.34	8.44	8.26	-9.83	-8.55	-9.01	-0.77	7.61	4.24	-0.12
SHOEMAKER___GT 23640	116.33	105.27	100.80	99.15	100.09	99.66	133.96	164.18	146.91	138.93	134.42	127.26	124.61	123.29	118.93	128.37	142.89	160.56	158.38	152.67	144.37	136.08	123.85	112.79
	4.00	3.55	3.43	3.21	3.55	3.85	3.77	3.61	4.22	4.70	5.95	5.75	5.37	5.52	5.45	6.00	7.06	5.21	5.86	5.39	6.64	6.45	5.38	4.68
	-17.17	-13.07	-9.38	-13.48	-5.36	-4.18	-50.10	-88.25	-62.93	-41.95	-7.10	-4.10	0.00	-0.28	0.00	0.00	0.00	-62.33	-49.75	-52.70	-14.73	-5.46	-1.46	-4.09
SHOEMAKR_138KV_BK 111 55601	116.22	105.18	100.65	99.06	100.06	99.54	133.62	163.58	146.48	138.65	134.38	127.24	124.73	123.29	118.92	128.25	142.90	160.15	158.04	152.22	144.27	136.05	123.83	112.75
	4.00	3.55	3.34	3.22	3.56	3.76	3.76	3.62	4.23	4.71	5.95	5.75	5.49	5.52	5.45	5.87	7.06	5.21	5.86	5.30	6.64	6.46	5.38	4.68
	-17.06	-12.98	-9.32	-13.39	-5.32	-4.15	-49.75	-87.66	-62.50	-41.66	-7.06	-4.07	0.00	-0.28	0.00	0.00	0.00	-61.91	-49.41	-52.34	-14.63	-5.43	-1.45	-4.06
SHOREHAM_IC_1 23715	122.52	111.46	106.71	105.05	110.89	118.97	142.98	177.15	158.31	147.49	142.64	134.34	129.96	128.39	125.74	137.66	151.85	200.11	180.10	167.68	154.24	145.03	131.01	118.81
	8.57	8.51	8.45	7.84	8.67	9.35	8.01	8.38	9.65	9.32	13.35	12.44	10.61	10.45	12.26	14.19	16.02	11.82	13.35	12.29	15.12	14.89	12.40	9.99
	-18.79	-14.30	-10.27	-14.76	-11.04	-17.99	-54.88	-96.45	-68.91	-45.89	-7.91	-4.48	-0.11	-0.45	0.00	-1.10	0.00	-95.27	-63.97	-60.81	-16.11	-5.98	-1.61	-4.82
SHOREHAM_IC_2 23716	122.52	111.46	106.71	105.05	110.89	118.97	142.98	177.15	158.31	147.49	142.64	134.34	129.96	128.39	125.74	137.66	151.85	200.11	180.10	167.68	154.24	145.03	131.01	118.81
	8.57	8.51	8.45	7.84	8.67	9.35	8.01	8.38	9.65	9.32	13.35	12.44	10.61	10.45	12.26	14.19	16.02	11.82	13.35	12.29	15.12	14.89	12.40	9.99
	-18.79	-14.30	-10.27	-14.76	-11.04	-17.99	-54.88	-96.45	-68.91	-45.89	-7.91	-4.48	-0.11	-0.45	0.00	-1.10	0.00	-95.27	-63.97	-60.81	-16.11	-5.98	-1.61	-4.82
SISSONVILLE____ 23735	95.74	89.72	89.05	83.36	91.55	91.08	79.62	72.09	79.20	91.91	120.65	116.83	119.00	116.78	112.91	121.15	133.93	91.35	100.72	92.78	120.91	122.67	116.88	104.84
	0.57	1.06	1.06	0.91	0.36	-0.55	-0.48	-0.22	-0.56	-0.37	-0.73	-0.59	-0.24	-0.70	-0.57	-1.22	-1.90	-1.67	-2.06	-1.80	-2.09	-1.49	-0.12	0.83
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SITHE_IND_GS1 24169	92.34	85.64	84.68	79.65	87.41	87.88	79.78	75.15	79.46	91.26	116.64	112.65	114.00	112.46	108.49	117.00	130.00	93.05	101.33	94.23	118.72	119.07	111.74	99.30
	-3.99	-3.90	-3.87	-3.63	-4.01	-3.76	-3.21	-2.97	-3.35	-3.87	-5.22	-5.05	-5.24	-5.05	-4.99	-5.38	-5.84	-3.82	-4.11	-3.88	-5.29	-5.46	-5.26	-4.78
	-1.17	-0.89	-0.56	-0.82	-0.24	-0.01	-2.89	-5.81	-3.06	-2.85	-0.48	-0.28	0.00	-0.02	0.00	0.00	0.00	-3.84	-2.67	-3.53	-1.00	-0.37	0.00	-0.07
SITHE_IND_GS2 24170	92.34	85.64	84.68	79.65	87.41	87.88	79.78	75.15	79.46	91.26	116.64	112.65	114.00	112.46	108.49	117.00	130.00	93.05	101.33	94.23	118.72	119.07	111.74	99.30
	-3.99	-3.90	-3.87	-3.63	-4.01	-3.76	-3.21	-2.97	-3.35	-3.87	-5.22	-5.05	-5.24	-5.05	-4.99	-5.38	-5.84	-3.82	-4.11	-3.88	-5.29	-5.46	-5.26	-4.78
	-1.17	-0.89	-0.56	-0.82	-0.24	-0.01	-2.89	-5.81	-3.06	-2.85	-0.48	-0.28	0.00	-0.02	0.00	0.00	0.00	-3.84	-2.67	-3.53	-1.00	-0.37	0.00	-0.07
SITHE_IND_GS3 24171	92.34	85.64	84.68	79.65	87.41	87.88	79.78	75.15	79.46	91.26	116.64	112.65	114.00	112.46	108.49	117.00	130.00	93.05	101.33	94.23	118.72	119.07	111.74	99.30
	-3.99	-3.90	-3.87	-3.63	-4.01	-3.76	-3.21	-2.97	-3.35	-3.87	-5.22	-5.05	-5.24	-5.05	-4.99	-5.38	-5.84	-3.82	-4.11	-3.88	-5.29	-5.46	-5.26	-4.78
	-1.17	-0.89	-0.56	-0.82	-0.24	-0.01	-2.89	-5.81	-3.06	-2.85	-0.48	-0.28	0.00	-0.02	0.00	0.00	0.00	-3.84	-2.67	-3.53	-1.00	-0.37	0.00	-0.07
SITHE_IND_GS4 24172	92.34	85.64	84.68	79.65	87.41	87.88	79.78	75.15	79.46	91.26	116.64	112.65	114.00	112.46	108.49	117.00	130.00	93.05	101.33	94.23	118.72	119.07	111.74	99.30
	-3.99	-3.90	-3.87	-3.63	-4.01	-3.76	-3.21	-2.97	-3.35	-3.87	-5.22	-5.05	-5.24	-5.05	-4.99	-5.38	-5.84	-3.82	-4.11	-3.88	-5.29	-5.46	-5.26	-4.78
	-1.17	-0.89	-0.56	-0.82	-0.24	-0.01	-2.89	-5.81	-3.06	-2.85	-0.48	-0.28	0.00	-0.02	0.00	0.00	0.00	-3.84	-2.67	-3.53	-1.00	-0.37	0.00	-0.07

SITHE___BATAVIA 24024	87.66 -8.47 -0.97	79.99 -8.86 -0.20	79.73 -8.71 -0.46	75.21 -7.92 -0.67	82.98 -8.39 -0.18	84.29 -7.33 0.01	77.01 -5.69 -2.60	72.21 -5.42 -5.33	73.89 -6.38 -0.52	80.11 -7.75 4.42	78.48 -10.92 31.97	77.78 -10.45 29.19	77.69 -10.73 30.82	75.63 -10.34 31.52	72.45 -10.67 30.36	78.95 -11.01 32.42	83.23 -12.22 40.37	84.58 -7.26 1.19	84.64 -8.02 10.12	77.24 -7.66 9.68	88.11 -10.95 23.94	84.27 -11.30 28.60	91.69 -10.41 14.90	94.17 -9.88 -0.05
SITHE___INDEPEND 23800	92.33 -4.00 -1.17	85.64 -3.90 -0.89	84.59 -3.96 -0.56	79.65 -3.63 -0.82	87.41 -4.01 -0.24	87.89 -3.76 -0.01	79.79 -3.20 -2.89	75.15 -2.96 -5.80	79.46 -3.35 -3.05	91.25 -3.88 -2.85	116.64 -5.22 -0.48	112.65 -5.05 -0.28	113.99 -5.25 0.00	112.45 -5.05 -0.02	108.48 -4.99 0.00	117.12 -5.26 0.00	129.99 -5.84 0.00	93.04 -3.81 -3.83	101.33 -4.11 -2.66	94.23 -3.88 -3.52	118.71 -5.29 -1.00	119.07 -5.46 -0.37	111.74 -5.27 0.00	99.29 -4.78 -0.07
SITHE___MASSENA 23902	95.64 0.48 0.00	89.54 0.89 0.00	88.61 0.62 0.00	83.28 0.82 0.00	91.82 0.64 0.00	91.73 0.09 0.00	80.10 0.00 0.00	72.31 0.00 0.00	79.52 -0.24 0.00	91.91 -0.37 0.00	120.65 -0.72 0.00	116.83 -0.58 0.00	119.00 -0.24 0.00	116.90 -0.58 0.00	113.14 -0.34 0.00	121.77 -0.61 0.00	134.89 -0.94 0.00	92.01 -1.02 0.00	101.33 -1.44 0.00	93.45 -1.13 0.00	121.77 -1.23 0.00	123.30 -0.86 0.00	116.88 -0.12 0.00	104.53 0.52 0.00
SITHE___OGDNSBRG 24021	96.97 1.81 0.00	90.96 2.30 0.00	90.28 2.29 0.00	84.43 1.98 0.00	93.01 1.82 0.00	92.83 1.19 0.00	81.22 1.12 0.00	73.54 1.23 0.00	80.71 0.96 0.00	93.30 1.02 0.00	122.47 1.09 0.00	118.47 1.06 0.00	120.67 1.43 0.00	118.43 0.94 0.00	114.61 1.13 0.00	123.48 1.10 0.00	136.92 1.09 0.00	93.40 0.37 0.00	103.08 0.31 0.00	94.96 0.38 0.00	123.74 0.74 0.00	125.40 1.24 0.00	119.11 2.11 0.00	106.50 2.50 0.00
SITHE___STERLING 23777	98.52 2.28 -1.07	91.51 2.04 -0.81	90.44 1.93 -0.51	84.94 1.73 -0.75	93.22 1.82 -0.22	94.02 2.38 -0.01	85.39 2.64 -2.66	80.58 2.68 -5.59	86.17 3.43 -2.99	100.07 3.70 -4.10	135.18 5.10 -8.71	129.56 4.57 -7.57	131.40 4.53 -7.63	130.03 4.58 -7.97	125.47 4.31 -7.68	135.44 5.02 -8.04	140.58 4.75 0.00	100.25 3.53 -3.69	109.35 4.00 -2.57	101.48 3.50 -3.40	128.15 4.18 -0.96	128.37 3.85 -0.36	120.51 3.51 0.00	106.98 2.91 -0.07
SLEIGHT__34_KV_TB1 80719	91.87 -4.85 -1.55	84.30 -5.32 -0.96	83.28 -5.46 -0.74	78.76 -4.78 -1.09	86.48 -5.02 -0.31	87.52 -4.12 -0.01	81.93 -3.28 -5.12	80.28 -3.11 -11.08	81.90 -3.59 -5.73	91.23 -4.34 -3.29	103.18 -5.95 12.25	100.53 -5.75 11.13	101.10 -5.96 12.18	99.07 -5.76 12.66	95.20 -6.01 12.26	103.54 -6.00 12.84	114.26 -6.79 14.78	94.16 -4.00 -5.13	99.73 -4.42 -1.38	93.39 -4.26 -3.07	111.37 -6.15 5.48	106.23 -6.58 11.35	104.58 -6.32 6.11	98.17 -5.93 -0.09
SOUTH CAIRO___GT 23612	122.87 5.81 -21.90	110.90 5.59 -16.66	108.25 5.37 -14.89	108.38 5.11 -20.81	108.63 5.74 -11.70	113.03 5.68 -15.71	168.42 5.13 -83.19	196.59 4.41 -119.87	185.86 4.55 -101.56	150.10 4.34 -53.49	135.53 5.10 -9.06	127.57 4.93 -5.22	124.96 5.72 0.00	123.48 5.64 -0.36	118.92 5.45 0.00	128.50 6.12 0.00	143.71 7.88 0.00	182.41 4.93 -84.45	180.55 5.55 -72.23	167.77 5.30 -67.89	148.18 6.40 -18.78	137.46 6.33 -6.97	129.19 6.55 -5.64	123.72 6.66 -13.05
SOUTH HAMPTN___IC 23720	123.56 9.61 -18.79	112.34 9.39 -14.30	107.59 9.32 -10.27	105.87 8.66 -14.76	111.88 9.66 -11.04	119.97 10.35 -17.99	143.94 8.97 -54.88	178.02 9.26 -96.45	159.19 10.53 -68.91	148.59 10.42 -45.89	143.96 14.68 -7.91	135.51 13.61 -4.48	131.28 11.92 -0.11	129.80 11.86 -0.45	126.98 13.50 0.00	139.02 15.54 -1.10	153.36 17.53 0.00	201.13 12.84 -95.26	181.33 14.59 -63.97	168.73 13.34 -60.81	155.60 16.49 -16.11	146.40 16.26 -5.98	132.30 13.68 -1.61	119.84 11.02 -4.82
SOUTHDOW_115KV_TB1 355954	88.77 -7.33 -0.94	81.49 -7.09 0.07	80.95 -7.48 -0.44	76.18 -6.93 -0.65	83.88 -7.48 -0.17	84.66 -6.96 0.01	76.21 -5.37 -1.48	70.94 -3.76 -2.39	71.77 -4.39 3.59	77.17 -5.54 9.57	68.01 -7.77 45.60	68.39 -7.28 41.75	67.87 -7.51 43.86	65.41 -7.40 44.68	62.78 -7.72 42.98	68.68 -7.59 46.11	68.27 -9.10 58.46	82.75 -5.21 5.07	79.13 -5.24 18.40	71.56 -5.01 18.01	78.77 -7.26 36.97	76.22 -7.45 40.49	89.76 -6.20 21.03	98.43 -5.62 -0.04
SOUTHOLD_69_KV_BK 2 55809	125.18 11.23 -18.79	113.50 10.55 -14.30	109.00 10.73 -10.27	107.19 9.98 -14.76	113.25 11.03 -11.03	121.43 11.82 -17.98	145.55 10.57 -54.88	179.25 10.48 -96.45	160.62 11.96 -68.91	150.16 12.00 -45.89	145.67 16.39 -7.91	137.40 15.50 -4.48	133.19 13.71 -0.11	131.56 13.63 -0.45	128.68 15.21 0.00	140.84 17.38 -1.09	155.80 19.97 0.00	202.89 14.61 -95.25	183.39 16.65 -63.97	170.61 15.23 -60.80	157.93 18.82 -16.11	148.52 18.38 -5.98	134.18 15.56 -1.61	121.41 12.58 -4.82
SOUTHOLD___IC 23719	125.18 11.22 -18.79	113.76 10.81 -14.30	108.99 10.73 -10.27	107.19 9.97 -14.76	113.25 11.03 -11.04	121.45 11.83 -17.99	145.38 10.41 -54.88	179.32 10.56 -96.45	160.62 11.96 -68.91	150.16 11.99 -45.89	145.91 16.63 -7.91	137.39 15.50 -4.48	133.06 13.71 -0.11	131.56 13.62 -0.45	128.69 15.21 0.00	140.97 17.50 -1.10	155.81 19.97 0.00	202.98 14.69 -95.26	183.39 16.65 -63.97	170.63 15.23 -60.81	157.93 18.82 -16.11	148.51 18.37 -5.98	134.18 15.56 -1.61	121.40 12.58 -4.82
SOUTH_FORK_WT_PWR 323839	125.27 11.32 -18.79	113.94 10.99 -14.30	109.17 10.91 -10.27	107.27 10.06 -14.76	113.44 11.21 -11.04	121.62 12.00 -17.99	145.55 10.57 -54.88	179.46 10.70 -96.45	160.78 12.12 -68.91	150.35 12.18 -45.89	146.15 16.87 -7.91	137.64 15.74 -4.48	133.30 13.94 -0.11	131.67 13.74 -0.45	128.91 15.43 0.00	141.21 17.74 -1.10	155.93 20.10 0.00	203.17 14.88 -95.26	183.50 16.76 -63.97	170.82 15.42 -60.81	158.18 19.07 -16.11	148.76 18.62 -5.98	134.40 15.79 -1.61	121.61 12.79 -4.82
SPIERFLS_115KV_TB 1 80737	126.83 7.90 -23.76	114.00 7.27 -18.08	120.19 7.13 -25.07	122.89 6.84 -33.60	126.35 7.66 -27.51	147.97 7.70 -48.64	236.26 7.13 -149.04	231.29 6.58 -152.40	262.31 7.34 -175.22	158.53 8.21 -58.04	141.88 10.68 -9.83	132.83 9.75 -5.67	128.90 9.66 0.00	127.74 9.87 -0.39	123.12 9.65 0.00	132.78 10.40 0.00	148.06 12.22 0.00	208.60 8.74 -106.83	217.76 9.76 -105.22	179.27 8.89 -75.80	154.70 11.32 -20.38	143.15 11.42 -7.56	144.66 10.06 -17.59	150.64 8.63 -38.00
ST LAWRENCE____ 23600	94.79 -0.38 0.00	88.65 0.00 0.00	87.90 -0.09 0.00	82.45 0.00 0.00	91.09 -0.09 0.00	91.09 -0.55 0.00	79.38 -0.72 0.00	71.66 -0.65 0.00	78.80 -0.95 0.00	91.18 -1.10 0.00	119.92 -1.45 0.00	116.13 -1.29 0.00	118.17 -1.08 0.00	116.20 -1.29 0.00	112.34 -1.13 0.00	121.15 -1.22 0.00	134.21 -1.62 0.00	91.45 -1.58 0.00	100.82 -1.96 0.00	92.88 -1.70 0.00	121.16 -1.84 0.00	122.68 -1.48 0.00	116.06 -0.94 0.00	103.59 -0.41 0.00
STATE_CA_115KV_115_LB 55624	122.05 3.71 -23.17	109.83 3.55 -17.63	111.43 3.61 -19.83	112.80 3.30 -27.05	113.88 3.56 -19.15	126.17 3.48 -31.06	197.85 2.88 -114.87	211.96 2.60 -137.04	219.94 3.03 -137.16	152.48 3.60 -56.60	135.81 4.86 -9.58	127.87 4.93 -5.53	124.25 5.01 0.00	123.15 5.29 -0.38	117.90 4.43 0.00	126.78 4.41 0.00	140.18 4.35 0.00	192.21 2.88 -96.30	194.54 3.08 -88.68	170.23 2.84 -72.81	146.44 3.57 -19.88	135.51 3.97 -7.37	132.54 4.33 -11.21	132.86 4.16 -24.70

STATE_ST_34_KV_LOAD 55959	96.72 -1.62 -3.17	89.46 -1.86 -2.67	87.49 -2.02 -1.53	82.87 -1.81 -2.23	89.91 -1.91 -0.65	90.39 -1.28 -0.04	86.42 -0.80 -7.12	85.60 -0.51 -13.80	89.68 -0.64 -10.56	101.23 -0.83 -9.78	136.97 -1.21 -16.80	130.72 -1.41 -14.71	132.38 -1.55 -14.69	131.29 -1.41 -15.21	126.63 -1.48 -14.62	136.38 -1.47 -15.47	152.67 -1.49 -18.33	105.07 -0.56 -12.60	116.21 -0.41 -13.85	107.81 -0.57 -13.80	134.48 -1.23 -12.71	137.38 -1.61 -14.83	122.37 -1.76 -7.12	102.34 -1.87 -0.20
STATION_5_MISC_HYD 23604	89.63 -6.57 -1.03	81.76 -7.27 -0.37	81.70 -6.77 -0.49	76.90 -6.27 -0.72	84.73 -6.65 -0.20	85.95 -5.68 0.00	80.27 -4.73 -4.90	78.98 -4.70 -11.37	80.15 -5.43 -5.82	87.47 -6.37 -1.56	88.94 -8.74 23.69	87.69 -8.46 21.27	87.75 -8.70 22.79	85.44 -8.34 23.71	81.90 -8.63 22.95	89.30 -9.05 24.02	98.25 -10.05 27.54	90.42 -6.05 -3.44	94.30 -6.68 1.80	88.35 -6.34 -0.10	102.12 -9.10 11.78	92.98 -9.44 21.74	96.73 -8.90 11.38	95.95 -8.11 -0.05
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	92.00 -4.19 -1.03	84.32 -4.70 -0.37	83.64 -4.84 -0.49	79.05 -4.12 -0.72	87.09 -4.29 -0.20	88.24 -3.39 0.00	82.28 -2.72 -4.91	81.15 -2.53 -11.37	82.56 -3.03 -5.84	90.23 -3.60 -1.54	92.65 -4.98 23.75	91.28 -4.81 21.32	91.39 -5.01 22.84	88.90 -4.82 23.77	85.37 -5.11 23.00	93.28 -5.02 24.08	102.66 -5.57 27.60	93.31 -3.16 -3.44	97.45 -3.49 1.83	91.28 -3.40 -0.11	106.04 -5.17 11.80	96.89 -5.46 21.81	100.21 -5.38 11.41	98.86 -5.20 -0.05
STA_56_34_KV_BUS2_REV_LBMP_B 345033	89.54 -6.66 -1.03	81.77 -7.27 -0.38	81.00 -7.48 -0.49	76.75 -6.43 -0.72	84.63 -6.75 -0.20	85.77 -5.86 0.00	80.08 -4.89 -4.87	78.79 -4.77 -11.26	80.02 -5.50 -5.76	87.41 -6.46 -1.58	89.32 -8.86 23.20	88.13 -8.45 20.83	88.21 -8.70 22.33	85.80 -8.46 23.23	82.37 -8.62 22.48	90.16 -8.69 23.53	98.80 -10.05 26.98	90.34 -6.14 -3.45	94.28 -6.78 1.71	88.32 -6.43 -0.17	102.38 -9.10 11.52	93.43 -9.44 21.30	96.96 -8.89 11.14	95.84 -8.22 -0.05
STA_56___34_KV_BUS2 355983	89.54 -6.66 -1.03	81.77 -7.27 -0.38	81.00 -7.48 -0.49	76.75 -6.43 -0.72	84.63 -6.75 -0.20	85.77 -5.86 0.00	80.08 -4.89 -4.87	78.79 -4.77 -11.26	80.02 -5.50 -5.76	87.41 -6.46 -1.58	89.32 -8.86 23.20	88.13 -8.45 20.83	88.21 -8.70 22.33	85.80 -8.46 23.23	82.37 -8.62 22.48	90.16 -8.69 23.53	98.80 -10.05 26.98	90.34 -6.14 -3.45	94.28 -6.78 1.71	88.32 -6.43 -0.17	102.38 -9.10 11.52	93.43 -9.44 21.30	96.96 -8.89 11.14	95.84 -8.22 -0.05
STA_67___115KV_BK2 355882	89.44 -6.76 -1.03	81.67 -7.36 -0.37	80.91 -7.57 -0.49	76.66 -6.51 -0.72	84.54 -6.84 -0.20	85.77 -5.86 0.00	80.03 -4.97 -4.90	78.73 -4.92 -11.34	79.97 -5.58 -5.80	87.19 -6.64 -1.55	88.63 -9.10 23.64	87.38 -8.81 21.23	87.56 -8.94 22.74	85.13 -8.69 23.66	81.73 -8.85 22.90	89.47 -8.93 23.97	98.03 -10.32 27.48	90.13 -6.33 -3.43	93.99 -6.99 1.80	88.06 -6.62 -0.10	101.89 -9.35 11.76	92.78 -9.68 21.70	96.52 -9.13 11.35	95.74 -8.32 -0.05
STA_7___115KV_9TRANS 80674	90.10 -6.09 -1.03	82.20 -6.83 -0.37	81.44 -7.04 -0.49	77.24 -5.94 -0.72	85.18 -6.20 -0.20	86.41 -5.22 0.00	80.67 -4.33 -4.90	79.40 -4.27 -11.35	80.62 -4.94 -5.81	88.02 -5.81 -1.55	89.67 -8.01 23.70	88.39 -7.75 21.28	88.58 -7.87 22.79	86.14 -7.64 23.71	82.59 -7.94 22.95	90.52 -7.83 24.02	99.06 -9.24 27.54	90.97 -5.49 -3.43	94.80 -6.17 1.81	88.90 -5.77 -0.09	102.73 -8.49 11.79	93.60 -8.82 21.75	97.32 -8.31 11.38	96.36 -7.70 -0.05
STA_82___115KV_TB1 80780	89.43 -6.76 -1.03	81.66 -7.36 -0.36	80.91 -7.57 -0.49	76.74 -6.43 -0.72	84.63 -6.75 -0.20	85.77 -5.86 0.00	80.14 -4.89 -4.93	78.89 -4.84 -11.43	80.02 -5.58 -5.85	87.19 -6.64 -1.56	88.35 -9.10 23.92	87.25 -8.69 21.48	87.29 -8.94 23.01	84.86 -8.69 23.94	81.46 -8.85 23.16	89.32 -8.81 24.25	97.72 -10.32 27.79	90.23 -6.23 -3.43	94.05 -6.89 1.83	88.03 -6.62 -0.07	101.76 -9.35 11.89	92.53 -9.68 21.95	96.51 -9.01 11.48	95.74 -8.32 -0.05
STEEL___WIND 323596	85.77 -10.28 -0.88	78.58 -10.02 0.05	78.55 -9.85 -0.41	73.75 -9.32 -0.62	81.13 -10.21 -0.16	82.00 -9.62 0.01	72.40 -8.09 -0.39	64.96 -6.94 0.41	65.56 -7.97 6.22	71.96 -9.50 10.82	65.67 -13.11 42.59	65.68 -12.56 39.17	65.44 -12.76 41.05	63.40 -12.46 41.63	61.12 -12.37 39.99	66.03 -13.22 43.13	65.10 -14.94 55.79	77.19 -9.30 6.53	72.74 -9.97 20.07	65.39 -9.46 19.74	72.79 -13.04 37.17	73.28 -13.28 37.60	85.65 -11.81 19.53	93.54 -10.50 -0.04
STEPHTWN_115KV_BK_2 55603	122.56 4.47 -22.92	110.26 4.17 -17.44	109.60 4.31 -17.30	110.31 3.96 -23.90	110.56 4.29 -15.10	118.47 4.31 -22.52	182.00 3.52 -98.38	205.31 3.25 -129.75	202.30 3.75 -118.80	152.60 4.34 -55.98	136.68 5.83 -9.48	128.75 5.87 -5.47	125.20 5.96 0.00	123.97 6.11 -0.37	118.81 5.33 0.00	127.52 5.14 0.00	141.13 5.30 0.00	187.87 3.54 -91.31	187.43 3.91 -80.75	169.64 3.59 -71.46	147.21 4.55 -19.66	136.30 4.84 -7.29	130.37 5.26 -8.11	127.14 4.89 -18.25
STEUBEN_REC_LFGE 323667	84.16 -7.33 3.67	75.83 -7.45 5.37	79.07 -7.48 1.45	73.53 -6.76 2.17	83.49 -7.48 0.21	86.10 -6.69 -1.15	97.20 -5.45 -22.55	128.85 -4.12 -60.66	132.28 -5.42 -57.95	98.67 -6.74 -13.12	-36.66 -10.20 147.84	-21.48 -10.22 128.68	-28.35 -10.49 137.10	-38.37 -10.22 145.63	-37.53 -9.53 141.48	-33.23 -10.77 144.84	-24.23 -11.27 148.79	103.70 -6.98 -17.65	107.09 -7.50 -11.82	103.22 -7.09 -15.73	73.46 -9.84 39.70	-24.35 -10.31 138.21	37.23 -9.59 70.18	95.82 -8.84 -0.65
STILLWATER___SOLAR 323814	125.27 6.47 -23.63	112.57 5.94 -17.98	118.29 5.90 -24.40	120.73 5.53 -32.75	123.86 6.20 -26.47	144.36 6.23 -46.49	230.49 5.69 -144.70	227.73 5.21 -150.21	255.96 5.82 -170.39	156.54 6.55 -57.71	139.64 8.49 -9.77	131.04 7.99 -5.63	127.11 7.87 0.00	125.87 7.99 -0.39	121.31 7.82 -0.01	130.94 8.56 0.00	145.74 9.91 0.00	205.43 7.07 -105.33	213.74 7.91 -103.05	177.01 7.18 -75.24	152.49 9.23 -20.26	140.87 9.19 -7.52	142.00 8.19 -16.81	147.45 7.08 -36.37
STONY___BROOK 24151	122.52 8.57 -18.79	110.93 7.98 -14.30	106.19 7.92 -10.27	104.55 7.34 -14.76	110.43 8.21 -11.04	118.42 8.80 -17.99	142.83 7.85 -54.88	176.58 7.81 -96.45	157.67 9.01 -68.91	147.49 9.32 -45.89	142.03 12.74 -7.91	133.88 11.98 -4.48	130.32 10.96 -0.11	128.74 10.80 -0.45	125.28 11.80 0.00	137.06 13.58 -1.10	151.04 15.21 0.00	198.99 10.69 -95.27	178.87 12.12 -63.97	166.74 11.34 -60.81	153.13 14.02 -16.11	144.04 13.90 -5.98	130.20 11.59 -1.61	118.19 9.36 -4.82
STURGEON_POOL_HYD 23609	118.81 4.38 -19.26	107.21 3.90 -14.66	102.77 3.70 -11.09	101.82 3.55 -15.82	102.05 3.92 -6.95	102.54 4.22 -6.69	144.26 4.25 -59.92	176.77 4.05 -100.41	159.23 4.79 -74.69	144.59 5.26 -47.05	135.90 6.55 -7.97	128.35 6.34 -4.59	125.56 6.32 0.00	124.03 6.23 -0.31	119.83 6.35 0.00	129.35 6.98 0.00	144.39 8.56 0.00	169.85 5.95 -70.87	166.94 6.68 -57.49	159.98 6.15 -59.25	147.15 7.63 -16.52	137.62 7.33 -6.13	125.34 5.97 -2.37	115.31 5.20 -6.10
ST_LAW_115_BK7_LBMP 345037	94.79 -0.38 0.00	88.65 0.00 0.00	87.90 -0.09 0.00	82.54 0.08 0.00	91.09 -0.09 0.00	91.00 -0.64 0.00	79.38 -0.72 0.00	71.59 -0.72 0.00	78.80 -0.95 0.00	91.18 -1.10 0.00	119.79 -1.58 0.00	116.01 -1.40 0.00	118.17 -1.08 0.00	116.08 -1.40 0.00	112.34 -1.13 0.00	121.03 -1.34 0.00	134.06 -1.77 0.00	91.36 -1.67 0.00	100.72 -2.05 0.00	92.78 -1.80 0.00	121.03 -1.97 0.00	122.55 -1.62 0.00	116.06 -0.94 0.00	103.59 -0.41 0.00

ST_LAW_115_BK8_LBMP 345038	94.79 -0.38 0.00	88.65 0.00 0.00	87.90 -0.09 0.00	82.54 0.08 0.00	91.09 -0.09 0.00	91.00 -0.64 0.00	79.38 -0.72 0.00	71.59 -0.72 0.00	78.80 -0.95 0.00	91.18 -1.10 0.00	119.79 -1.58 0.00	116.01 -1.40 0.00	118.17 -1.08 0.00	116.08 -1.40 0.00	112.34 -1.13 0.00	121.03 -1.34 0.00	134.06 -1.77 0.00	91.36 -1.67 0.00	100.72 -2.05 0.00	92.78 -1.80 0.00	121.03 -1.97 0.00	122.55 -1.62 0.00	116.06 -0.94 0.00	103.59 -0.41 0.00
ST_LAW_230_BK5_LBMP 345035	94.79 -0.38 0.00	88.65 0.00 0.00	87.90 -0.09 0.00	82.45 0.00 0.00	91.09 -0.09 0.00	91.09 -0.55 0.00	79.38 -0.72 0.00	71.66 -0.65 0.00	78.80 -0.95 0.00	91.18 -1.10 0.00	119.92 -1.45 0.00	116.13 -1.29 0.00	118.17 -1.08 0.00	116.20 -1.29 0.00	112.34 -1.13 0.00	121.15 -1.22 0.00	134.21 -1.62 0.00	91.45 -1.58 0.00	100.82 -1.96 0.00	92.88 -1.70 0.00	121.16 -1.84 0.00	122.68 -1.48 0.00	116.06 -0.94 0.00	103.59 -0.41 0.00
ST_LAW_230_BK6_LBMP 345036	94.79 -0.38 0.00	88.65 0.00 0.00	87.90 -0.09 0.00	82.45 0.00 0.00	91.09 -0.09 0.00	91.09 -0.55 0.00	79.38 -0.72 0.00	71.66 -0.65 0.00	78.80 -0.95 0.00	91.18 -1.10 0.00	119.92 -1.45 0.00	116.13 -1.29 0.00	118.17 -1.08 0.00	116.20 -1.29 0.00	112.34 -1.13 0.00	121.15 -1.22 0.00	134.21 -1.62 0.00	91.45 -1.58 0.00	100.82 -1.96 0.00	92.88 -1.70 0.00	121.16 -1.84 0.00	122.68 -1.48 0.00	116.06 -0.94 0.00	103.59 -0.41 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	117.20 4.47 -17.56	105.92 3.90 -13.36	101.37 3.78 -9.59	99.79 3.55 -13.79	100.59 3.92 -5.48	100.13 4.22 -4.28	135.50 4.17 -51.23	166.59 4.05 -90.24	148.89 4.79 -64.35	140.52 5.35 -42.89	135.43 6.80 -7.26	128.18 6.58 -4.19	125.56 6.32 0.00	124.12 6.34 -0.29	119.72 6.24 0.00	129.11 6.73 0.00	143.85 8.01 0.00	162.62 5.86 -63.73	160.11 6.47 -50.87	154.42 5.96 -53.88	145.44 7.38 -15.06	136.95 7.20 -5.59	124.47 5.97 -1.50	113.40 5.20 -4.19
SWANROAD_115KV_TB1 355699	82.87 -13.23 -0.93	76.06 -12.68 -0.09	74.70 -13.73 -0.44	71.31 -11.79 -0.65	78.50 -12.86 -0.17	79.62 -12.00 0.01	72.15 -9.61 -1.66	65.57 -9.62 -2.87	66.18 -10.93 2.65	72.25 -12.92 7.11	66.88 -17.72 36.78	66.79 -16.91 33.72	66.62 -17.17 35.45	64.60 -16.80 36.09	62.20 -16.57 34.71	68.10 -17.01 37.27	68.05 -20.37 47.41	76.42 -12.93 3.67	73.96 -14.08 14.73	66.89 -13.34 14.36	74.99 -17.96 30.05	73.38 -18.13 32.66	83.51 -16.50 16.99	88.76 -15.29 -0.04
SYNERGY___BIOGAS 323694	87.66 -8.47 -0.97	79.99 -8.86 -0.20	79.73 -8.71 -0.46	75.21 -7.92 -0.67	82.98 -8.39 -0.18	84.29 -7.33 0.01	77.01 -5.69 -2.60	72.21 -5.42 -5.33	73.89 -6.38 -0.52	80.11 -7.75 4.42	78.48 -10.92 31.97	77.78 -10.45 29.19	77.69 -10.73 30.82	75.63 -10.34 31.52	72.45 -10.67 30.36	78.95 -11.01 32.42	83.23 -12.22 40.37	84.58 -7.26 1.19	84.64 -8.02 10.12	77.24 -7.66 9.68	88.11 -10.95 23.94	84.27 -11.30 28.60	91.69 -10.41 14.90	94.17 -9.88 -0.05
SYRACUSE___ENERGY_ST1 323597	95.36 -1.71 -1.91	88.33 -1.77 -1.45	86.97 -1.94 -0.92	82.06 -1.73 -1.34	89.65 -1.91 -0.39	90.09 -1.56 -0.02	83.71 -1.12 -4.73	80.85 -0.94 -9.48	83.71 -1.04 -4.99	95.55 -1.38 -4.66	120.34 -1.82 -0.79	115.99 -1.88 -0.45	117.33 -1.91 0.00	115.64 -1.88 -0.03	111.55 -1.93 0.00	120.42 -1.96 0.00	133.66 -2.17 0.00	98.17 -1.12 -6.26	106.00 -1.13 -4.36	99.21 -1.13 -5.76	122.79 -1.84 -1.64	122.66 -2.11 -0.61	114.89 -2.11 0.00	102.04 -2.08 -0.12
SYRACUSE___ENERGY_ST2 323598	95.36 -1.71 -1.91	88.33 -1.77 -1.45	86.97 -1.94 -0.92	82.06 -1.73 -1.34	89.65 -1.91 -0.39	90.09 -1.56 -0.02	83.71 -1.12 -4.73	80.85 -0.94 -9.48	83.71 -1.04 -4.99	95.55 -1.38 -4.66	120.34 -1.82 -0.79	115.99 -1.88 -0.45	117.33 -1.91 0.00	115.64 -1.88 -0.03	111.55 -1.93 0.00	120.42 -1.96 0.00	133.66 -2.17 0.00	98.17 -1.12 -6.26	106.00 -1.13 -4.36	99.21 -1.13 -5.76	122.79 -1.84 -1.64	122.66 -2.11 -0.61	114.89 -2.11 0.00	102.04 -2.08 -0.12
SYRACUSE___POWER 24017	95.89 -1.81 -2.53	88.81 -1.95 -2.10	87.18 -2.02 -1.22	82.34 -1.90 -1.78	89.69 -2.01 -0.52	90.01 -1.65 -0.03	84.16 -1.20 -5.26	81.19 -1.01 -9.89	83.98 -1.04 -5.26	97.62 -1.29 -6.64	131.25 -1.82 -11.69	125.64 -1.88 -10.10	127.39 -1.91 -10.05	126.12 -1.88 -10.51	121.67 -1.93 -10.12	131.02 -1.96 -10.60	145.51 -2.17 -11.85	100.18 -1.12 -8.27	109.34 -1.13 -7.70	102.37 -1.13 -8.93	128.77 -1.84 -7.61	132.36 -2.11 -10.31	119.67 -2.22 -4.90	102.09 -2.08 -0.16
TALLMAN___138KV_BK151 55660	118.04 4.85 -18.03	106.63 4.26 -13.72	101.89 4.05 -9.85	100.49 3.88 -14.16	101.10 4.29 -5.63	100.62 4.58 -4.40	137.19 4.49 -52.61	169.36 4.41 -92.64	151.09 5.26 -66.07	142.21 5.91 -44.03	136.48 7.65 -7.46	129.11 7.40 -4.30	126.28 7.04 0.00	124.95 7.17 -0.29	120.51 7.04 0.00	129.97 7.59 0.00	144.66 8.83 0.00	164.87 6.42 -65.43	162.09 7.09 -52.22	156.42 6.53 -55.31	146.58 8.12 -15.46	137.84 7.95 -5.73	125.09 6.55 -1.54	113.93 5.62 -4.31
TEALLAVE_115KV_TB7 355573	94.54 -2.28 -1.66	87.52 -2.39 -1.26	86.32 -2.46 -0.80	81.31 -2.31 -1.17	89.06 -2.46 -0.34	89.63 -2.02 -0.01	82.61 -1.60 -4.11	79.18 -1.37 -8.25	82.58 -1.52 -4.34	94.49 -1.85 -4.05	119.63 -2.43 -0.69	115.35 -2.47 -0.40	116.74 -2.50 0.00	115.05 -2.47 -0.03	110.98 -2.50 0.00	119.81 -2.57 0.00	132.98 -2.85 0.00	96.80 -1.67 -5.45	104.81 -1.75 -3.79	97.89 -1.70 -5.01	121.84 -2.58 -1.42	121.84 -2.86 -0.53	114.08 -2.93 0.00	101.41 -2.70 -0.10
TELGRAPH_34_KV_EAST 80808	85.46 -10.66 -0.95	78.18 -10.64 -0.16	77.09 -11.35 -0.45	73.47 -9.65 -0.66	80.97 -10.39 -0.18	82.19 -9.44 0.01	74.73 -7.53 -2.16	69.19 -7.30 -4.18	70.51 -8.37 0.87	76.69 -9.97 5.62	73.64 -13.84 33.90	73.14 -13.27 31.01	73.09 -13.47 32.68	71.10 -13.04 33.35	68.22 -13.16 32.10	74.79 -13.22 34.37	76.84 -15.76 43.24	80.90 -9.86 2.27	80.00 -10.69 12.09	72.69 -10.21 11.68	82.36 -14.14 26.49	79.54 -14.40 30.22	88.16 -13.10 15.73	91.88 -12.17 -0.04
TEMPLE___115KV_TB 2 55572	94.56 -2.28 -1.68	87.54 -2.39 -1.28	86.33 -2.46 -0.81	81.41 -2.23 -1.18	89.06 -2.46 -0.34	89.63 -2.02 -0.01	82.75 -1.52 -4.17	79.30 -1.37 -8.36	82.72 -1.44 -4.40	94.63 -1.75 -4.11	119.76 -2.31 -0.70	115.47 -2.35 -0.40	116.74 -2.50 0.00	115.17 -2.35 -0.03	110.98 -2.50 0.00	119.93 -2.45 0.00	132.98 -2.85 0.00	96.87 -1.67 -5.52	104.87 -1.75 -3.84	97.96 -1.70 -5.08	121.98 -2.46 -1.44	121.84 -2.86 -0.54	114.19 -2.81 0.00	101.41 -2.70 -0.10
TIANA____69_KV_BK 1 55817	123.28 9.33 -18.79	111.82 8.87 -14.30	107.24 8.98 -10.27	105.63 8.41 -14.76	111.52 9.30 -11.03	119.60 9.99 -17.98	143.86 8.89 -54.88	177.65 8.89 -96.45	158.87 10.21 -68.91	148.23 10.06 -45.89	143.24 13.96 -7.91	135.16 13.27 -4.48	130.92 11.57 -0.11	129.33 11.40 -0.45	126.53 13.05 0.00	138.40 14.93 -1.09	152.81 16.98 0.00	200.75 12.47 -95.25	180.92 14.18 -63.97	168.44 13.05 -60.80	155.23 16.11 -16.11	145.91 15.77 -5.98	131.84 13.22 -1.61	119.43 10.61 -4.82
TILDEN___115KV_TB1 80814	95.89 -1.81 -2.53	88.81 -1.95 -2.10	87.18 -2.02 -1.22	82.34 -1.90 -1.78	89.69 -2.01 -0.52	90.01 -1.65 -0.03	84.16 -1.20 -5.26	81.19 -1.01 -9.89	83.98 -1.04 -5.26	97.62 -1.29 -6.64	131.25 -1.82 -11.69	125.64 -1.88 -10.10	127.39 -1.91 -10.05	126.12 -1.88 -10.51	121.67 -1.93 -10.12	131.02 -1.96 -10.60	145.51 -2.17 -11.85	100.18 -1.12 -8.27	109.34 -1.13 -7.70	102.37 -1.13 -8.93	128.77 -1.84 -7.61	132.36 -2.11 -10.31	119.67 -2.22 -4.90	102.09 -2.08 -0.16

TRIGEN___CC 323695	120.52 6.57 -18.79	108.62 5.67 -14.30	103.98 5.72 -10.27	102.58 5.36 -14.76	108.14 5.93 -11.03	115.93 6.32 -17.98	140.98 6.01 -54.88	174.62 5.78 -96.53	155.52 6.86 -68.91	145.64 7.47 -45.89	139.00 9.71 -7.92	131.29 9.39 -4.48	128.30 8.94 -0.12	126.76 8.81 -0.46	122.55 9.08 0.00	133.50 10.03 -1.09	147.24 11.41 0.00	199.68 8.37 -98.28	175.99 9.25 -63.97	163.90 8.51 -60.80	149.57 10.45 -16.11	140.57 10.43 -5.98	127.16 8.54 -1.61	115.81 6.97 -4.84
TRINITY___115KV___4 BK 55933	121.65 3.52 -22.97	109.41 3.28 -17.48	109.11 3.34 -17.78	110.00 3.05 -24.50	110.33 3.28 -15.86	119.08 3.30 -24.14	184.24 2.64 -101.50	205.75 2.31 -131.13	204.83 2.79 -122.28	151.60 3.23 -56.09	135.37 4.49 -9.50	127.35 4.46 -5.48	123.89 4.65 0.00	122.68 4.82 -0.37	117.56 4.09 0.00	126.29 3.92 0.00	139.64 3.80 0.00	187.79 2.51 -92.25	187.81 2.77 -82.26	168.76 2.46 -71.72	145.90 3.20 -19.70	134.95 3.48 -7.31	129.67 3.98 -8.70	127.33 3.85 -19.47
UNION___PROCESSING_DRP 323587	89.53 -6.66 -1.03	81.66 -7.36 -0.37	81.00 -7.48 -0.49	76.74 -6.43 -0.72	84.63 -6.75 -0.20	85.86 -5.77 0.00	80.14 -4.89 -4.93	78.90 -4.84 -11.44	80.04 -5.58 -5.87	87.30 -6.55 -1.57	88.40 -9.10 23.87	87.30 -8.69 21.43	87.34 -8.94 22.96	85.02 -8.58 23.89	81.51 -8.85 23.12	89.37 -8.81 24.20	97.79 -10.32 27.72	90.25 -6.23 -3.46	94.09 -6.89 1.80	88.17 -6.53 -0.11	101.93 -9.22 11.84	92.57 -9.68 21.91	96.53 -9.01 11.46	95.84 -8.22 -0.05
UPPER HUDSON___HYD 24058	126.82 7.89 -23.76	114.01 7.27 -18.08	120.28 7.22 -25.07	122.89 6.84 -33.60	126.25 7.56 -27.51	147.98 7.70 -48.64	236.26 7.13 -149.04	231.29 6.58 -152.40	262.30 7.33 -175.22	158.53 8.21 -58.04	141.89 10.68 -9.83	132.82 9.74 -5.67	128.90 9.65 0.00	127.62 9.75 -0.39	123.12 9.64 -0.01	132.77 10.40 0.00	148.06 12.23 0.00	208.60 8.74 -106.83	217.76 9.77 -105.22	179.27 8.89 -75.80	154.69 11.31 -20.38	143.14 11.42 -7.56	144.66 10.06 -17.59	150.63 8.63 -38.00
UPPER RAQUET___HYD 24056	95.74 0.57 0.00	89.72 1.07 0.00	88.69 0.70 0.00	83.36 0.91 0.00	91.64 0.46 0.00	91.09 -0.55 0.00	79.78 -0.32 0.00	72.09 -0.22 0.00	79.20 -0.55 0.00	91.91 -0.37 0.00	120.65 -0.72 0.00	116.83 -0.58 0.00	119.00 -0.24 0.00	116.79 -0.70 0.00	113.02 -0.45 0.00	121.15 -1.22 0.00	133.93 -1.90 0.00	91.36 -1.67 0.00	100.72 -2.05 0.00	92.78 -1.80 0.00	120.91 -2.09 0.00	122.68 -1.48 0.00	116.88 -0.12 0.00	104.74 0.73 0.00
VALLEY44_115KV_TB2 355964	89.11 -7.04 -0.98	82.92 -5.67 0.06	82.47 -5.98 -0.46	77.04 -6.10 -0.68	84.34 -7.02 -0.18	84.20 -7.42 0.01	76.33 -6.25 -2.48	73.60 -4.31 -4.97	74.32 -4.31 1.12	78.84 -5.26 8.18	66.48 -7.40 47.49	67.17 -7.04 43.20	66.49 -7.15 45.59	63.92 -6.93 46.63	61.67 -7.04 44.77	67.56 -6.98 47.84	67.86 -8.29 59.68	84.68 -4.74 3.60	81.23 -5.04 16.51	73.60 -4.92 16.06	79.81 -7.13 36.05	74.45 -7.45 42.26	88.50 -6.55 21.95	98.24 -5.51 0.26
VALLEY___115KV_TB 1-4 80826	99.92 4.76 0.00	92.64 3.99 0.00	91.95 3.96 0.00	86.41 3.96 0.00	95.92 4.74 0.00	96.95 5.31 0.00	85.06 4.97 0.00	76.72 4.41 0.00	84.22 4.47 0.00	96.89 4.61 0.00	126.96 5.58 0.00	122.47 5.05 0.00	124.01 4.77 0.00	122.07 4.58 0.00	117.90 4.43 0.00	126.91 4.53 0.00	141.13 5.30 0.00	96.93 3.91 0.00	107.30 4.52 0.00	98.74 4.16 0.00	128.17 5.17 0.00	129.13 4.97 0.00	121.80 4.80 0.00	108.17 4.16 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	108.81 5.52 -8.13	100.07 5.23 -6.18	98.75 5.02 -5.74	94.90 4.45 -7.99	100.63 4.74 -4.71	103.37 5.13 -6.61	117.70 5.29 -32.32	122.48 5.13 -45.03	126.44 5.82 -40.86	118.59 6.46 -19.85	133.27 8.50 -3.39	127.37 7.98 -1.97	127.02 7.75 -0.03	125.41 7.75 -0.16	120.77 7.26 -0.03	130.61 8.20 -0.03	145.25 9.37 -0.05	132.37 6.98 -32.37	139.31 7.91 -28.63	127.23 7.28 -25.37	139.11 9.10 -7.01	135.72 8.94 -2.61	127.34 7.96 -2.39	116.30 6.86 -5.43
VISCHER___FERRY HYD 24020	123.75 5.33 -23.26	111.23 4.87 -17.70	115.16 4.84 -22.33	117.14 4.53 -30.16	119.45 5.01 -23.25	136.54 5.13 -39.78	216.06 4.64 -131.32	220.08 4.12 -143.65	239.93 4.70 -155.47	154.54 5.44 -56.81	138.03 7.04 -9.62	129.77 6.81 -5.55	126.03 6.79 0.00	124.68 6.81 -0.38	120.06 6.58 -0.01	129.35 6.97 0.00	143.71 7.88 0.00	199.54 5.68 -100.84	205.44 6.27 -96.40	174.03 5.77 -73.67	150.33 7.38 -19.95	138.89 7.32 -7.40	138.04 6.67 -14.38	141.11 5.82 -31.28
V_A_10_SYNC_DSASP 323832	85.50 -10.66 -0.99	77.63 -11.26 -0.24	77.81 -10.65 -0.47	73.34 -9.81 -0.69	80.80 -10.58 -0.19	82.10 -9.53 0.01	74.57 -8.09 -2.56	69.25 -8.25 -5.18	70.81 -9.33 -0.38	77.07 -10.98 4.23	75.74 -14.93 30.70	75.04 -14.33 28.05	74.95 -14.67 29.62	72.88 -14.34 30.27	70.14 -14.19 29.15	76.04 -15.18 31.16	79.78 -17.12 38.93	81.01 -10.88 1.13	81.09 -11.82 9.87	73.87 -11.26 9.45	84.62 -15.13 23.25	81.21 -15.52 27.43	88.42 -14.28 14.30	91.36 -12.69 -0.05
V_CMM_10_SYNC_DSASP 323787	95.16 0.00 0.00	89.10 0.45 0.00	88.26 0.26 0.00	82.87 0.41 0.00	91.46 0.27 0.00	91.45 -0.18 0.00	79.78 -0.32 0.00	72.02 -0.29 0.00	79.11 -0.64 0.00	91.54 -0.74 0.00	120.28 -1.09 0.00	116.47 -0.94 0.00	118.65 -0.59 0.00	116.54 -0.94 0.00	112.69 -0.79 0.00	121.39 -0.98 0.00	134.61 -1.22 0.00	91.63 -1.39 0.00	101.12 -1.65 0.00	93.16 -1.42 0.00	121.53 -1.47 0.00	122.92 -1.24 0.00	116.42 -0.58 0.00	104.01 0.00 0.00
V_CMP_10_SYNC_DSASP 323788	96.68 1.52 0.00	90.60 1.95 0.00	89.66 1.67 0.00	84.27 1.81 0.00	93.10 1.92 0.00	93.10 1.46 0.00	80.90 0.80 0.00	73.18 0.87 0.00	80.32 0.56 0.00	92.65 0.37 0.00	121.38 0.00 0.00	117.77 0.35 0.00	119.96 0.72 0.00	117.61 0.12 0.00	113.70 0.23 0.00	122.50 0.12 0.00	135.83 0.00 0.00	92.38 -0.65 0.00	101.65 -1.13 0.00	93.54 -1.04 0.00	121.89 -1.11 0.00	123.04 -1.12 0.00	116.42 -0.58 0.00	104.84 0.83 0.00
V_D_10_SYNC_DSASP 323841	95.64 0.48 0.00	89.54 0.89 0.00	88.61 0.62 0.00	83.28 0.82 0.00	91.82 0.64 0.00	91.73 0.09 0.00	80.10 0.00 0.00	72.31 0.00 0.00	79.52 -0.24 0.00	91.91 -0.37 0.00	120.65 -0.72 0.00	116.83 -0.58 0.00	119.00 -0.24 0.00	116.90 -0.58 0.00	113.02 -0.45 0.00	121.77 -0.61 0.00	134.89 -0.94 0.00	92.01 -1.02 0.00	101.33 -1.44 0.00	93.45 -1.13 0.00	121.77 -1.23 0.00	123.30 -0.86 0.00	116.88 -0.12 0.00	104.53 0.52 0.00
V_E_10_SYNC_DSASP 323830	110.66 6.28 -9.21	102.46 5.68 -8.13	98.46 5.19 -5.28	94.43 4.45 -7.53	99.11 4.65 -3.28	100.60 5.87 -3.09	109.62 6.49 -23.03	112.60 6.58 -33.71	115.28 7.02 -28.50	126.59 7.20 -27.10	200.61 9.47 -69.76	187.33 8.69 -61.22	190.10 8.47 -62.39	190.98 8.57 -64.92	183.78 7.72 -62.58	197.41 9.30 -65.74	222.66 10.73 -76.09	136.55 8.55 -34.97	154.89 9.87 -42.25	142.75 8.70 -39.47	178.26 10.20 -45.06	196.94 10.05 -62.72	158.14 9.24 -31.90	114.55 7.70 -2.84
V_F_30_NSYNC___DSASP 323816	125.32 6.47 -23.68	112.62 5.94 -18.02	118.57 5.90 -24.68	121.18 5.61 -33.11	124.30 6.20 -26.91	145.28 6.23 -47.41	232.33 5.69 -146.55	228.66 5.21 -151.14	258.02 5.82 -172.44	156.68 6.55 -57.85	139.79 8.62 -9.80	131.16 8.10 -5.65	127.23 7.99 0.00	125.97 8.10 -0.39	121.42 7.94 -0.01	130.94 8.56 0.00	145.88 10.05 0.00	206.16 7.16 -105.97	214.66 7.91 -103.97	177.34 7.28 -75.48	152.54 9.23 -20.31	140.89 9.19 -7.53	142.33 8.19 -17.14	148.14 7.08 -37.06



V_F_30_SYNC_DSASP 323786	122.03 3.71 -23.16	109.82 3.55 -17.62	111.27 3.61 -19.67	112.61 3.30 -26.86	113.63 3.56 -18.90	125.64 3.48 -30.53	196.83 2.88 -113.85	211.50 2.60 -136.59	218.80 3.03 -136.02	152.44 3.60 -56.56	135.81 4.86 -9.58	127.87 4.93 -5.52	124.25 5.01 0.00	123.15 5.29 -0.38	117.90 4.43 0.00	126.78 4.41 0.00	140.18 4.35 0.00	191.90 2.88 -95.99	194.05 3.08 -88.19	170.15 2.84 -72.73	146.43 3.57 -19.86	135.50 3.97 -7.37	132.34 4.33 -11.02	132.46 4.16 -24.30
V_XM_10_SYNC_DSASP 323789	96.68 1.52 0.00	90.60 1.95 0.00	89.66 1.67 0.00	84.27 1.81 0.00	93.10 1.92 0.00	93.10 1.46 0.00	80.90 0.80 0.00	73.18 0.87 0.00	80.32 0.56 0.00	92.65 0.37 0.00	121.38 0.00 0.00	117.77 0.35 0.00	119.96 0.72 0.00	117.61 0.12 0.00	113.70 0.23 0.00	122.50 0.12 0.00	135.83 0.00 0.00	92.38 -0.65 0.00	101.65 -1.13 0.00	93.54 -1.04 0.00	121.89 -1.11 0.00	123.04 -1.12 0.00	116.42 -0.58 0.00	104.84 0.83 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	118.44 5.14 -18.13	106.88 4.43 -13.80	102.21 4.31 -9.91	100.82 4.12 -14.24	101.41 4.56 -5.67	100.92 4.86 -4.43	137.83 4.81 -52.92	170.13 4.63 -93.19	151.72 5.50 -66.47	142.75 6.18 -44.29	136.89 8.01 -7.50	129.37 7.63 -4.32	126.63 7.39 0.00	125.19 7.40 -0.30	120.74 7.26 0.00	130.21 7.83 0.00	144.93 9.10 0.00	165.54 6.70 -65.81	162.70 7.40 -52.53	157.03 6.81 -55.64	147.04 8.49 -15.55	138.25 8.32 -5.77	125.45 6.90 -1.55	114.27 5.93 -4.33
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	119.48 5.52 -18.79	107.65 4.70 -14.30	103.63 5.37 -10.28	102.33 5.11 -14.76	102.72 5.65 -5.88	102.11 5.86 -4.61	140.59 5.61 -54.89	174.54 5.64 -96.59	155.45 6.78 -68.92	145.93 7.75 -45.90	139.87 10.32 -8.17	131.76 9.86 -4.48	129.23 9.66 -0.33	127.72 9.52 -0.72	122.90 9.42 0.00	132.78 10.40 0.00	147.65 11.82 0.00	169.70 8.47 -68.21	166.58 9.35 -54.45	160.76 8.51 -57.66	149.69 10.58 -16.12	140.45 10.31 -5.98	127.16 8.54 -1.62	116.49 7.07 -5.41
W50THST__13_KV_LOAD 356117	119.86 5.90 -18.79	108.01 5.05 -14.30	103.63 5.37 -10.28	102.41 5.19 -14.76	102.72 5.65 -5.88	102.11 5.86 -4.61	140.67 5.69 -54.89	174.54 5.64 -96.59	155.45 6.78 -68.92	146.02 7.84 -45.90	140.00 10.44 -8.19	131.76 9.86 -4.48	129.24 9.66 -0.34	127.85 9.63 -0.73	123.01 9.53 0.00	132.90 10.52 0.00	147.79 11.95 0.00	169.80 8.56 -68.21	166.58 9.35 -54.45	160.85 8.61 -57.66	149.82 10.70 -16.12	140.57 10.43 -5.98	127.27 8.66 -1.62	116.63 7.18 -5.45
WADING RIVER_IC_1 23522	122.42 8.47 -18.79	111.46 8.51 -14.30	106.71 8.45 -10.27	105.05 7.84 -14.76	110.89 8.67 -11.04	119.06 9.44 -17.99	142.98 8.01 -54.88	177.15 8.38 -96.45	158.31 9.65 -68.91	147.49 9.32 -45.89	142.76 13.47 -7.91	134.47 12.57 -4.48	129.96 10.61 -0.11	128.39 10.45 -0.45	125.85 12.37 0.00	137.79 14.31 -1.10	151.99 16.16 0.00	200.10 11.82 -95.26	180.10 13.35 -63.97	167.68 12.29 -60.81	154.36 15.25 -16.11	145.03 14.89 -5.98	131.14 12.53 -1.61	118.81 9.99 -4.82
WADING RIVER_IC_2 23547	122.42 8.47 -18.79	111.46 8.51 -14.30	106.71 8.45 -10.27	105.05 7.84 -14.76	110.89 8.67 -11.04	119.06 9.44 -17.99	142.98 8.01 -54.88	177.15 8.38 -96.45	158.31 9.65 -68.91	147.49 9.32 -45.89	142.76 13.47 -7.91	134.47 12.57 -4.48	129.96 10.61 -0.11	128.39 10.45 -0.45	125.85 12.37 0.00	137.79 14.31 -1.10	151.99 16.16 0.00	200.10 11.82 -95.26	180.10 13.35 -63.97	167.68 12.29 -60.81	154.36 15.25 -16.11	145.03 14.89 -5.98	131.14 12.53 -1.61	118.81 9.99 -4.82
WADING RIVER_IC_3 23601	122.42 8.47 -18.79	111.46 8.51 -14.30	106.71 8.45 -10.27	105.05 7.84 -14.76	110.89 8.67 -11.04	119.06 9.44 -17.99	142.98 8.01 -54.88	177.15 8.38 -96.45	158.31 9.65 -68.91	147.49 9.32 -45.89	142.76 13.47 -7.91	134.47 12.57 -4.48	129.96 10.61 -0.11	128.39 10.45 -0.45	125.85 12.37 0.00	137.79 14.31 -1.10	151.99 16.16 0.00	200.10 11.82 -95.26	180.10 13.35 -63.97	167.68 12.29 -60.81	154.36 15.25 -16.11	145.03 14.89 -5.98	131.14 12.53 -1.61	118.81 9.99 -4.82
WALDENNY_12_KV_BK2 80841	85.78 -10.28 -0.89	78.60 -10.02 0.04	77.94 -10.47 -0.42	73.76 -9.32 -0.62	81.13 -10.21 -0.16	82.09 -9.53 0.01	72.70 -7.93 -0.54	65.32 -6.94 0.05	65.96 -7.98 5.82	72.36 -9.50 10.41	66.32 -13.11 41.94	66.29 -12.56 38.56	66.06 -12.76 40.42	64.14 -12.34 41.01	61.70 -12.37 39.41	67.30 -12.60 42.48	66.05 -14.94 54.84	77.52 -9.30 6.21	73.35 -9.97 19.46	65.90 -9.55 19.13	73.60 -13.04 36.36	73.83 -13.29 37.05	85.93 -11.82 19.25	93.33 -10.71 -0.04
WALDEN__HYDRO 24148	118.41 5.04 -18.20	106.94 4.43 -13.85	102.20 4.22 -9.99	100.84 4.04 -14.34	101.41 4.47 -5.76	100.99 4.76 -4.59	138.21 4.73 -53.39	170.43 4.48 -93.64	152.03 5.26 -67.01	142.55 5.81 -44.45	136.19 7.28 -7.53	128.80 7.04 -4.34	126.04 6.80 0.00	124.60 6.81 -0.30	120.29 6.81 0.00	129.72 7.34 0.00	144.66 8.83 0.00	165.67 6.51 -66.13	162.82 7.19 -52.85	157.06 6.62 -55.86	146.85 8.24 -15.61	138.02 8.07 -5.79	125.28 6.67 -1.61	114.29 5.82 -4.46
WARRENSBURG____ 23737	126.82 7.89 -23.76	114.01 7.27 -18.08	120.28 7.22 -25.07	122.89 6.84 -33.60	126.25 7.56 -27.51	147.98 7.70 -48.64	236.26 7.13 -149.04	231.29 6.58 -152.40	262.30 7.33 -175.22	158.53 8.21 -58.04	141.89 10.68 -9.83	132.82 9.74 -5.67	128.90 9.65 0.00	127.62 9.75 -0.39	123.12 9.64 -0.01	132.77 10.40 0.00	148.06 12.23 0.00	208.60 8.74 -106.83	217.76 9.77 -105.22	179.27 8.89 -75.80	154.69 11.31 -20.38	143.14 11.42 -7.56	144.66 10.06 -17.59	150.63 8.63 -38.00
WATERSIDE____6 8 9 23538	117.88 5.33 -17.39	104.84 4.43 -11.76	102.40 4.14 -10.27	101.10 3.88 -14.77	101.26 4.19 -5.88	101.00 4.76 -4.60	138.77 4.73 -53.94	172.12 4.77 -95.03	152.91 5.82 -67.33	143.22 6.64 -44.30	138.78 8.74 -8.66	129.97 8.45 -4.10	128.07 8.11 -0.72	126.80 8.11 -1.21	121.30 7.83 0.01	130.45 8.08 0.00	144.93 9.10 0.00	167.95 6.70 -68.22	164.64 7.40 -54.46	159.06 6.81 -57.67	147.48 8.36 -16.12	138.46 8.32 -5.98	125.17 6.55 -1.62	116.45 5.93 -6.51
WATKINRD_115KV_LN8_ILLION 55919	103.35 8.18 0.00	95.83 7.18 0.00	95.03 7.04 0.00	89.38 6.93 0.00	99.30 8.12 0.00	100.61 8.98 0.00	88.43 8.33 0.00	79.69 7.38 0.00	87.41 7.66 0.00	100.31 8.03 0.00	131.45 10.07 0.00	126.69 9.28 0.00	128.18 8.94 0.00	126.18 8.69 0.00	121.76 8.28 0.00	131.07 8.69 0.00	145.75 9.92 0.00	100.28 7.26 0.00	111.10 8.32 0.00	102.24 7.66 0.00	132.47 9.47 0.00	133.35 9.19 0.00	126.01 9.01 0.00	111.81 7.80 0.00
WATSON__69_KV_BK 1 55734	122.99 9.04 -18.79	111.11 8.16 -14.30	106.53 8.27 -10.27	104.88 7.67 -14.76	110.79 8.57 -11.03	118.78 9.16 -17.98	143.46 8.49 -54.88	176.86 8.10 -96.46	158.07 9.41 -68.91	148.04 9.87 -45.89	142.39 13.11 -7.91	134.46 12.56 -4.48	130.92 11.57 -0.11	129.45 11.51 -0.45	125.85 12.37 0.00	137.42 13.95 -1.09	151.45 15.62 0.00	199.74 11.26 -95.45	179.48 12.74 -63.97	167.11 11.73 -60.80	153.63 14.51 -16.11	144.54 14.40 -5.98	130.78 12.17 -1.61	118.60 9.78 -4.82
WDELAWARE__HYD 323627	116.97 4.66 -17.14	105.95 4.26 -13.04	101.49 3.96 -9.54	99.84 3.71 -13.67	101.02 4.20 -5.64	101.01 4.58 -4.80	135.98 4.72 -51.16	165.25 4.41 -88.52	148.87 5.03 -64.09	139.40 5.26 -41.87	134.89 6.43 -7.09	127.61 6.10 -4.09	124.96 5.72 0.00	123.52 5.76 -0.28	119.27 5.78 0.00	129.10 6.73 0.00	144.26 8.42 0.00	161.86 6.33 -62.51	160.04 7.09 -50.18	153.84 6.62 -52.64	145.82 8.12 -14.70	137.44 7.83 -5.45	125.24 6.55 -1.69	114.28 5.72 -4.56

WEST BABYLON___IC 23714	122.42 8.47 -18.79	110.49 7.54 -14.30	105.83 7.57 -10.27	104.31 7.09 -14.76	110.15 7.93 -11.03	118.04 8.43 -17.98	142.90 7.93 -54.88	176.22 7.45 -96.47	157.43 8.77 -68.91	147.40 9.23 -45.89	141.55 12.26 -7.91	133.64 11.74 -4.48	130.33 10.97 -0.12	128.75 10.81 -0.45	125.05 11.57 0.00	136.44 12.97 -1.09	150.10 14.26 0.00	199.10 10.23 -95.84	178.35 11.61 -63.97	166.07 10.69 -60.80	152.40 13.28 -16.11	143.30 13.16 -5.98	129.85 11.23 -1.61	117.88 9.05 -4.83
WEST CANADA___HYD 24049	95.74 0.57 0.00	89.19 0.54 0.00	88.52 0.53 0.00	82.87 0.41 0.00	91.64 0.46 0.00	92.19 0.55 0.00	80.66 0.56 0.00	72.82 0.51 0.00	80.39 0.64 0.00	92.93 0.65 0.00	122.34 0.97 0.00	118.24 0.83 0.00	120.08 0.84 0.00	118.32 0.83 0.00	114.28 0.80 0.00	123.24 0.86 0.00	136.91 1.08 0.00	93.86 0.84 0.00	103.70 0.92 0.00	95.43 0.85 0.00	123.98 0.98 0.00	125.15 0.99 0.00	117.82 0.82 0.00	104.74 0.73 0.00
WESTERN_NY_WIND 24143	87.37 -8.76 -0.96	79.80 -9.04 -0.19	78.76 -9.68 -0.45	75.04 -8.08 -0.67	82.79 -8.57 -0.18	84.11 -7.51 0.01	76.68 -5.85 -2.43	71.54 -5.64 -4.87	73.11 -6.62 0.03	79.45 -7.94 4.89	77.48 -11.17 32.73	76.71 -10.80 29.90	76.72 -10.97 31.55	74.68 -10.57 32.23	71.55 -10.89 31.04	78.55 -10.65 33.18	81.71 -12.63 41.49	83.88 -7.54 1.61	83.56 -8.32 10.89	76.17 -7.94 10.47	86.75 -11.32 24.94	83.26 -11.67 29.23	91.13 -10.65 15.23	93.86 -10.19 -0.04
WESTOVER___LESR 323668	98.49 -1.52 -4.85	90.54 -1.42 -3.31	89.28 -1.58 -2.88	85.06 -1.48 -4.09	91.34 -1.73 -1.89	92.16 -1.47 -1.99	97.05 -0.88 -17.84	103.05 -0.51 -31.25	102.34 -0.64 -23.22	102.32 -0.92 -10.96	99.94 -1.34 20.10	97.45 -1.41 18.56	96.80 -1.55 20.89	94.29 -1.53 21.67	90.97 -1.48 21.04	99.02 -1.35 22.02	109.27 -1.36 25.20	110.91 -0.56 -18.44	116.01 -0.41 -13.65	106.32 -0.57 -12.31	114.52 -1.11 7.37	104.11 -1.37 18.69	105.76 -1.52 9.72	104.42 -1.35 -1.77
WETHRSFD_WT_PWR 323626	84.89 -10.66 -0.38	77.73 -10.19 0.73	78.12 -10.03 -0.17	73.15 -9.56 -0.26	80.66 -10.58 -0.05	81.71 -9.90 0.02	61.43 -8.17 10.49	36.61 -7.08 28.61	33.36 -8.30 38.10	47.97 -9.87 34.44	44.09 -13.84 63.44	44.21 -13.39 59.82	44.20 -13.60 61.45	43.64 -13.16 60.69	42.78 -12.82 57.88	44.42 -13.59 64.37	27.85 -15.08 92.90	54.20 -9.49 29.33	34.39 -10.38 58.01	26.49 -9.84 58.25	30.53 -13.29 79.18	56.91 -13.41 53.84	77.13 -12.05 27.82	93.29 -10.71 0.00
WHAVSTOR_138KV_BK127 55557	118.07 4.76 -18.15	106.54 4.08 -13.81	101.87 3.96 -9.92	100.42 3.71 -14.25	100.96 4.10 -5.67	100.56 4.49 -4.44	137.48 4.41 -52.98	169.86 4.27 -93.28	151.39 5.10 -66.53	142.33 5.72 -44.33	136.29 7.40 -7.51	128.91 7.16 -4.33	126.16 6.92 0.00	124.72 6.93 -0.30	120.29 6.81 0.00	129.72 7.34 0.00	144.39 8.56 0.00	165.14 6.23 -65.88	162.24 6.89 -52.58	156.61 6.34 -55.69	146.44 7.87 -15.57	137.64 7.70 -5.77	124.87 6.32 -1.55	113.86 5.51 -4.34
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	118.07 4.76 -18.15	106.54 4.08 -13.81	101.87 3.96 -9.92	100.42 3.71 -14.25	100.96 4.10 -5.67	100.56 4.49 -4.44	137.48 4.41 -52.98	169.86 4.27 -93.28	151.39 5.10 -66.53	142.33 5.72 -44.33	136.29 7.40 -7.51	128.91 7.16 -4.33	126.16 6.92 0.00	124.72 6.93 -0.30	120.29 6.81 0.00	129.72 7.34 0.00	144.39 8.56 0.00	165.14 6.23 -65.88	162.24 6.89 -52.58	156.61 6.34 -55.69	146.44 7.87 -15.57	137.64 7.70 -5.77	124.87 6.32 -1.55	113.86 5.51 -4.34
WHITEHAL_115KV_TB1 80871	128.88 9.99 -23.72	115.83 9.13 -18.05	121.91 9.06 -24.86	124.44 8.66 -33.33	128.02 9.67 -27.18	149.30 9.71 -47.95	236.80 9.05 -147.65	232.47 8.46 -151.70	262.68 9.25 -173.67	160.46 10.24 -57.93	144.54 13.35 -9.81	135.52 12.45 -5.66	131.64 12.40 0.00	130.45 12.57 -0.39	125.85 12.37 0.00	135.72 13.34 0.00	151.59 15.76 0.00	210.63 11.26 -106.35	219.73 12.44 -104.52	181.64 11.44 -75.62	157.73 14.39 -20.34	146.11 14.40 -7.55	146.98 12.64 -17.34	152.30 10.82 -37.47
WHITEPLN_13_KV_LOAD 356215	120.01 6.09 -18.75	108.15 5.23 -14.27	103.44 5.19 -10.25	102.14 4.95 -14.74	102.43 5.38 -5.87	101.92 5.68 -4.60	140.40 5.53 -54.78	174.13 5.42 -96.40	155.00 6.46 -68.78	145.47 7.38 -45.80	138.72 9.59 -7.76	131.16 9.28 -4.47	128.30 9.06 0.00	126.72 8.93 -0.31	122.33 8.85 0.00	131.80 9.42 0.00	146.70 10.87 0.00	169.01 7.91 -68.07	165.96 8.84 -54.35	160.17 8.04 -57.55	149.17 10.09 -16.08	139.94 9.81 -5.97	126.80 8.19 -1.61	115.58 7.07 -4.50
WM_FLOYD_69_KV_BK2 356380	122.52 8.56 -18.79	110.93 7.98 -14.30	106.36 8.10 -10.27	104.80 7.59 -14.76	110.60 8.39 -11.03	118.78 9.16 -17.98	143.14 8.17 -54.88	176.86 8.10 -96.45	157.99 9.33 -68.91	147.49 9.32 -45.89	142.03 12.74 -7.91	134.11 12.21 -4.48	130.09 10.73 -0.11	128.51 10.57 -0.45	125.51 12.03 0.00	137.29 13.83 -1.09	151.45 15.62 0.00	199.64 11.35 -95.26	179.69 12.95 -63.97	167.30 11.92 -60.80	153.75 14.64 -16.11	144.54 14.40 -5.98	130.67 12.05 -1.61	118.39 9.57 -4.82
WOODARD___115KV_TB2 355635	94.48 -2.38 -1.69	87.55 -2.39 -1.29	86.25 -2.55 -0.81	81.34 -2.31 -1.19	89.06 -2.46 -0.34	89.54 -2.11 -0.01	82.62 -1.68 -4.20	79.28 -1.45 -8.42	82.59 -1.60 -4.43	94.48 -1.94 -4.13	119.53 -2.55 -0.70	115.24 -2.58 -0.40	116.50 -2.74 0.00	114.93 -2.58 -0.03	110.87 -2.61 0.00	119.69 -2.69 0.00	132.84 -2.99 0.00	96.82 -1.77 -5.56	104.79 -1.85 -3.87	97.90 -1.80 -5.11	121.75 -2.71 -1.45	121.72 -2.98 -0.54	114.08 -2.93 0.00	101.30 -2.81 -0.10
YORK___WARBASSE 23770	129.32 5.52 -28.64	125.29 4.52 -32.11	102.55 4.22 -10.33	101.18 3.96 -14.77	101.35 4.29 -5.88	101.07 4.76 -4.67	146.40 4.73 -61.57	184.79 4.84 -107.63	165.81 5.90 -80.15	156.29 6.83 -57.18	146.34 8.74 -16.22	133.13 8.57 -7.14	134.23 8.11 -6.88	134.61 8.22 -8.90	121.36 7.83 -0.06	130.33 7.95 0.00	144.39 8.56 0.00	167.58 6.33 -68.22	164.33 7.09 -54.46	158.78 6.53 -57.67	147.11 7.99 -16.12	138.34 8.19 -5.98	125.05 6.43 -1.62	133.46 6.03 -23.42